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This distinguishes us as No. 1 in the spare parts market – in the past, today and in the future. Our highly qualified employees ensure that the wishes and requirements of our customers and partners are always at the centre of our attention.

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OILS – ANTIFREEZE – GREASES

febi oils are not universal products but are matched to the vehicle manufacturers' specific requirements. We will supply you with top quality as a value-for-money alternative to original parts.

febi antifreeze offers reliable prodection against frost, corrosion and cavitation damage. In many cases, febi antifreeze even exceeds the vehicle manufacturers' requirements.

febi greases are perfectly suited for virtually all types of cars and commercial vehicles and cover all the areas of application on the vehicle. They meet the manufacturers' highest requirements and are suitable, among other things, for use in constant velocity joints or central lubrication systems.

The **design of the packaging** is very user-friendly:

· Clear identification of the products
· Colour coding according to products
· Recessed grip handle to make filling easier
· Vision strip for filling level
· Leakproof
· Recyclable PE plastic bottles

Going directly to the product page – thanks to QR codes

In this brochure you will find a QR code for each product. A simple technique, QR codes are a graphic pattern created from a specified internet website address. All you have to do is scan it with your mobile phone and it will direct you straight to that web page, where you will find more relevant information. You will need a suitable app to do this (available free of charge from the Apple or Google App Store).

Simply activate the app and hold your mobile phone camera over the QR code. You will then be forwarded directly to the product page in partsfinder, the parts search catalogue of the bilstein group. There you will receive all the important information relevant to that part, as well as additional services, such as installation instructions.

To visit our spare parts search catalogue directly, go to:

partsfinder.bilsteingroup.com

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With partsfinder, the bilstein group has consolidated the complete passenger car parts and commercial vehicles parts ranges of renowned product brands febi, SWAG and Blue Print in a single, state-of-the-art system.
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The search is free of charge and can be used without registering. Registered users also have access to exclusive additional functions.

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- Different search options: results are never more than three clicks away
- febi, SWAG and Blue Print:
  60,000 different car and truck parts in one system
- Detailed product information including repair set references & safety data sheets
- Country-specific vehicle pre-selection
- Free use, no registration required

partsfinder.bilsteingroup.com

Applications

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
30	SAE 0W-40		**101140** (1 litre) **101141** (4 litres) **101142** (5 litres) **101143** (60 litres) **101144** (200 litres)			ACEA A3/B4 API SN/CF BMW Longlife-01 Ford WSS-M2C937-A MB 229.3 / 229.5 Porsche A40 VW 502.00/505.00
31	SAE 5W-30 longlife HC-FO		**101150** (1 litre) **101151** (4 litres) **101152** (5 litres) **101153** (60 litres) **101154** (200 litres)			ACEA A1/B1 ACEA A5/B5 API SN/CF Ford WSS-M2C913-C Ford WSS-M2C913-D ILSAC GF-3 ILSAC GF-4 STJLR.03.5003 Renault RN0700
32	SAE 5W-30 longlife		**32941** (1 litre) **32942** (4 litres) **32943** (5 litres) **32944** (60 litres) **39336** (200 litres)			ACEA C3 API SN/CF BMW Longlife-04 GM Dexos 2 MB 229.51 MB 229.52 VW 502 00/505 00/505 01
33	SAE 5W-30 longlife**plus**		**32945** (1 litre) **32946** (4 litres) **32947** (5 litres) **32948** (60 litres) **39337** (200 litres)			ACEA C3 API SN/CF BMW Longlife-04 Chrysler MS-11106 MB 229.51 VW 504 00/507 00
34	SAE 5W-40		**32936** (1 litre) **32937** (4 litres) **32938** (5 litres) **32939** (60 litres) **32940** (200 litres)			ACEA A3/B3/B4-04 API SN/CF BMW Longlife-01 GM LL-B 025 MB 226.5 / 229.3 Porsche A40 PSA B 712296 Renault RN 0700 Renault RN 0710 VW 502 00/505 00
35	SAE 10W-40		**32931** (1 litre) **32932** (4 litres) **32933** (5 litres) **32934** (60 litres) **32935** (200 litres)			ACEA A3/B3/B4-08 API SL/CF MB 229.1 VW 501 01/505 00

Applications

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
36	SAE 15W-40		**32925** (1 litre) **32926** (4 litres) **32927** (5 litres) **32928** (25 litres) **32929** (60 litres) **32930** (200 litres) **80366** (1000 litres)			ACEA A3/B4 ACEA E7 API CI-4 / SL CAT ECF-1-a/ECF-2 Cummins 200 76/77/78 Deutz DQC-III Mack EO-M PLUS MAN 3275 MB 228.3 / 229.1 MTU Type 2 Renault RLD-2 Volvo VDS-3 VW 501 01/505 00
37	SAE 20W-50		**32921** (1 litre) **32922** (5 litres) **32923** (25 litres) **32924** (60 litres) **38408** (200 litres)			ACEA A3/B3/B4 ACEA E7 ALLISON C API CI-4/SL CAT ECF-1-a/ECF-2 Cummins 20071/-72/-76 /-77/-78 Deutz DQC III-05 Mack EO-M PLUS MAN 3275 MB 228.3 MB 229.1 MTU Type 2 Renault RLD-2 VOLVO VDS-3
38	SAE 10W-40 Truck Special longlife		**105840** (5 litres) **34047** (20 litres) **34048** (60 litres) **34049** (200 litres)			ACEA E7/E4 API CI-4 Cummins CES 20077/8 Deutz DQC III-10 IVECO 18-1804 Mack EO-M PLUS MAN M 3277 MB 228.5 MTU DDC Type-3 Renault RLD-2 Renault RXD Scania LDF2 SDFG OM-1901A Volvo VDS-3

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
39	SAE 10W-40 Truck Special longlife 		**34052** (200 litres)			ACEA E7/E6/E9 API CI-4 CAT ECF-1a Cummins CES 20076/77 Deutz DQC III-10 LA MACK EO-N MAN 3271-1 MAN M 3477 MB 228.51 MTU DDC Type 3.1 Renault RGD Renault RLD-2 Renault RXD Volvo VDS-3
40	SAE 5W-30 Truck longlife **EU6** 		**48416** (205 litres)			ACEA E9/E7/E6/E4 API CJ-4 CAT ECF-3 CUMMINS CES 20081 DEUTZ DQC IV-10 LA IVECO 18- 1804 CLASSE TLS E6 MACK EO-O PREMIUM PLUS MAN M 3271-1/3477/3677 MB 228.5/31/51 MTU DDC TYPE 3.1 Renault RLD-3 Scania LA Volvo CNG Volvo VDS-3/4
41	Antifreeze	blue	**01089** (1,5 litres) **22268** (5 litres) **22270** (20 litres) **05011** (60 litres) **31276** (210 litres)	Audi BMW Ford GM Mercedes Benz Opel Seat Vauxhall VW	G 011 A8C A1 83 19 2 211 191 1 047 035 90297545 000 989 08 25 19 40 656 G 011 A8C A1 19 40 656 G 011 A8C A1	MAN 324 NF MB 325.0 MB 325.2 VW TL 774-C
42	Antifreeze	yellow-green	**02374** (1,5 litres) **88541** (5 litres) **89428** (210 litres)	Ford Mercedes Benz	5 016 438 000 989 08 25	MB 325.2

Applications

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
43	Antifreeze (G12)	red	**01381** (1,5 litres) **12710** (60 litres) **22272** (5 litres) **22274** (20 litres) **33830** (210 litres)	Audi GM Opel Seat Škoda Vauxhall VW	G 012 A8D A1 93170402 19 40 663 G 012 A8D A1 G 012 A8D A1 19 40 663 G 012 A8D A1	VW TL 774 D
44	Antifreeze (G12+)	violet	**19400** (1,5 litres) **19402** (5 litres) **22276** (20 litres) **22278** (60 litres) **33831** (210 litres)	Audi Ford PKW Ford US Jaguar Mercedes Benz Mini (BMW) Seat Škoda Volvo PKW VW	G 012 A8F A1 1 336 797 4U7J19544AA2A JLM209722 000 989 16 25 83 19 2 211 662 G 012 A8F A1 G 012 A8F A1 9437600 G 012 A8F A1	ASTM D3306/D4340/4985 DEXCOOL Ford WSS-M97B44-D Glysantin G33 GM Saturn/1825M/1899M MAN 324 SNF MB 325.3 NATO S-759 NF R 15 601 SAE J1034 TOYOTA Super Long Life Coolant Volvo VCS VW TL 774-D/F
45	Antifreeze (G12++)	violet	**37400** (1,5 litres) **37401** (5 litres) **37402** (60 litres)	Audi Mercedes Benz Seat Škoda Toyota VW	G 012 A8G M1 000 989 28 25 G 012 A8G M1 G 012 A8G M1 002721LLAC G 012 A8G M1	Glysantin G40 MAN 324 Typ Si-OAT MB 325.5 MB 325.6 SAE J1034 Scania TB 1451 VW TL 774 G
46	Antifreeze (G13)	violet	**38200** (1,5 litres) **38201** (5 litres) **38202** (60 litres)	Audi Seat Škoda VW	G A13 A8J M1 G 013 A8J M1 G 013 A8J M1 G 013 A8J M1	SAE J1034 VW TL 774-J
47	Antifreeze Ready Mix -30 °C Renault, Typ D	green	**26580** (1,5 litres) **26581** (5 litres) **26582** (25 litres)	Dacia Renault	77 11 428 133 77 11 428 133	Glaceol RX type D GM 1825M/1899M Renault Typ D SAE J1034
48	Antifreeze Ready Mix -30 °C	blue	**24196** (1,5 litres)	Mercedes Benz	000 989 08 25	
49	Brake Fluid DOT 4		**26746** (0,25 litres) **26461** (1 litre) **21754** (5 litres)	Audi BMW Seat Škoda VW	B 000 700 A1 83 13 0 139 897 B 000 700 A1 B 000 700 A1 B 000 700 A1	DBL 7760 Typ DOT4 FMVSS 116 DOT3. DOT4 Ford SAM 6C9103 A GM GME L5 104 ISO 4985 RENAULT 41-02-001 SAE J 1703 VW TL 7766 X/Y

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
50	Brake Fluid DOT 4 **Plus**		**26748** (0,25 litres) **22930** (1 litre) **23932** (5 litres)	Audi Mercedes Benz Seat Škoda Volvo VW	B 000 750 M3 000 989 08 07 B 000 750 M3 B 000 750 M3 9437430 B 000 750 M3	FMVSS 116 DOT4, DOT3 Ford SAM-6C9103-A GM GME L5 104 Jaguar MNA 2829 AA Jaguar XR83 M6C25 A ISO 4925 MB 331.0 Renault 41-02-001 SAE J 1703 SUPER DOT 4 TL 766 X/Y
51	Central hydraulic fluid synthetic	green	**06161** (1 litre)	Audi BMW Chrysler Citroën DAF FIAT Ford PKW GM Hyundai Land Rover MAN Mini (BMW) Opel Porsche Saab Seat Škoda Vauxhall Volvo PKW VW	G 004 000 M2 83 29 0 429 576 MS 11655b 9979.A3 1786 432 9.55550-AG3 1 384 110 93160548 00232-19017 LR 003401 09.11003.0427 83 29 0 429 576 19 40 715 000 043 204 89 93 160 548 G 004 000 M2 G 004 000 M2 93160548 30741424 G 004 000 M2	CHF 11-S Citroen Fluide LDS FLUIDE DA Ford WSS-M2C204-A GM 1193160548 KIA PSF-4 MAN M 3289 Opel B 0400070 PSA S71 2710 TUTELLA GI/R VW TL 52146 ZF TE-ML 02K
52	Central hydraulic fluid	green	**46161** (1 litre)	Audi BMW GM Hyundai Land Rover Mini (BMW) Opel Porsche Saab Seat Škoda Vauxhall Volvo PKW VW	G 004 000 M2 81 22 9 407 758 B 040 2012 00232-19017 LR 003401 83 29 0 429 576 19 40 715 000 043 203 33 93 160 548 G 004 000 M2 G 004 000 M2 93160548 30741424 G 004 000 M2	Chrysler MS-11655b Ford WSS-M2C195-A GM B 040 2012 M2C195-A CHF-202 VW TL 52519-B
53	Central hydraulic fluid	green	**06162** (1 litre)	BMW	81 22 9 407 549	CHF 7.1

Applications

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
54	Hydraulic fluid LHM +	green	**24704** (1 litre)	Citroën	9979.A1	DIN 51524 Teil 3 ISO 7308 LHM Plus PSA B71 2710
				FIAT	9.55597	
				IVECO	18-1823	
				Jaguar	JLM9886	
				Peugeot	B71 2710	
55	Power steering fluid	green	**21647** (1 litre)	Mercedes Benz	001 989 24 03	MB 345.0
56	Central hydraulic fluid	light-brown	**21648** (1 litre)	Mercedes Benz	001 989 20 03	MB 344.0
57	Power steering fluid	yellow	**08972** (1 litre)	Chrysler	05098158AA	Dexron II MB 236.3 VOITH 55.6335 (standard drain) ZF - TE-ML 03D/04D/09/11/14A/17C
				Dodge	05098158AA	
				IVECO	18-1807	
				Mercedes Benz	000 989 88 03/2	
				VW	G 009 300 A2	
58	Hydraulic fluid ZH-M	yellow	**02615** (1 litre)	BMW	54 34 0 394 395	MB 343.0
				Mercedes Benz	000989 910310	
59	High-performance oil for vehicles **with Haldex-couplings**	yellow	**101170** (275 ml)	Audi	G 052 175 A1	Ford AWD-2 VW TL 52175
				Ford	1 931 273	
				Ford US	FU7J-8708687-AA	
				Land Rover	LR 054941	
				Seat	G 052 175 A1	
				Škoda	G 052 175 A1	
				VW	G 052 175 A1	
60	High-performance oil for vehicles **with Haldex-couplings**	yellow	**101171** (1 litre)	Audi	G 055 175 A2	VW TL 52175-X
				GM	93165387	
				Opel	19 40 057	
				Seat	G 055 175 A2	
				Škoda	G 055 175 A2	
				Vauxhall	93165387	
				Volvo PKW	31367941	
				VW	G 055 175 A2	
61	High-performance oil for vehicles **with Haldex-couplings**	yellow	**101172** (850 ml)	Audi	G 060 175 A2	VW TL 52175-Y
				Seat	G 060 175 A2	
				Škoda	G 060 175 A2	
				VW	G 060 175 A2	
62	Automatic transmission fluid	red	**08971** (1 litre) **30017** (5 litres)	BMW	81 22 9 400 272	Allison C3/C4 DEXRON II D Ford ESD-M2C138-CJ Ford ESD-M2C186-A Ford ESP-M2C166-H MAN 339-V1/Z1 MB 236.1/2/5/6/7 Suffix A ZF-TE-ML 03/09/11/14
				Ford	M2C-138CJ	
				GM	90350342	
				Mercedes Benz	000 989 92 03	
				Opel	19 40 700	
				Vauxhall	90350342	
				Volvo	1161744	

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
63	Automatic transmission fluid for Asian vehicles	red	**29934** (1 litre) **101161** (5 litres) **101162** (60 litres)	BMW Citroën Dodge Ford GM Honda Hyundai Land Rover Land Rover Lexus Mini (BMW) Mitsubishi Opel Peugeot Porsche Renault PKW Seat Toyota Volvo PKW VW	83 22 0 402 413 9980.D4 05013457AA AU7J-19A509-AA 9256039 08266-99901 HE NPNEA-TMOILS1 LR00460 LR 002748 08886-80503 83 22 9 407 858 M2312096 19 40 767 9980.D4 000 043 205 28 77 11 218 368 G 052 990 08886-80503 1161540 G 052 990	AISIN WARNER AW-1 ATF AW-1/SP-II/III/T-IV BMW ATF 6 Chrysler ATF +4 Daihatsu Alumix ATF Dexron III Fiat Typo T-IV Ford WSS-M2C922-A1 Ford WSS-M2C924-A Honda ATF Z-I/DW-1 Isuzu Besco ATF-II/III JASO M315 Typ 1A JWS 3309 / TYPE T-IV JWS 3324 Kia SP-II/III Mazda ATF D/M-III/M-V Mitsubishi SP II/III Nissan C/D/J / Matic S Peugeot ATF AW-1 Saab ATF 3309 Subaru ATF / Special Suzuki 3309 / 3317 Toyota T-II/III/Type D-2/WS TUTELA GI/V/VI
64	Automatic transmission fluid		**32600** (1 litre) **32605** (5 litres)	BMW GM Mercedes Benz Opel Vauxhall	83 22 0 397 114 93165414 001 989 69 03 19 40 184 93165414	Dexron VI MB 236.41 MERCON LV VOITH H55.6335.XX
65	Automatic transmission fluid	yellow	**14738** (1 litre) **29738** (5 litres)	Audi BMW Citroën GM Jaguar Mercedes Benz Mini (BMW) Opel Peugeot Porsche Seat Škoda Vauxhall VW	G 052 162 A2 83 22 2 305 395 Z 000169756 90513486 JLM 20238 001 989 22 03 83 22 9 407 858 19 40 707 9736.22 000 043 207 00 G 052 162 A2 G 052 162 A2 90513486 G 052 162 A2	BMW ATF 4 BMW LA 2634 Honda PSF-S Hyundai PSF-3 KIA PSF-III MB 236.11 Toyota PSF EH VOITH G 607 VW LT 71141 VW TL 521 62 ZF Lifeguardfluid 5 ZF TE-ML 11B ZF TE-ML 14B

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
66	Automatic transmission fluid	yellow	**34608** (1 litre) **38935** (5 litres) **38936** (20 litres) **38937** (60 litres)	Aston Martin Audi Bentley BMW Hyundai Jaguar Land Rover Maserati Porsche Rolls Royce VW	4G4319A509 G 055 005 A2 PY112995PA 83 22 0 144 137 040000C90SG C2C 8432 TYK5000050 231603 M-1375.4 M-1375.4 G 055 005 A2	ATF M-1375.4 BMW ATF 2 Ford WSS-M2C938-A Hyundai ATF SP-IV Jaguar Fluid 8432 KIA ATF SP-IV Mercon SP ZF Getriebe (S671 090 255)
67	Automatic transmission fluid	green	**39095** (1 litre) **39096** (5 litres) **39097** (20 litres) **39098** (60 litres)	Audi BMW Chrysler Jaguar Land Rover VW	G 060 162 A2 83 22 2 289 720 68157995AA 02JDE 26444 LR 023288 G 060 162 A2	ATF 3+ Jeep ATF LGF8 ZF Lifeguardfluid 8
68	Automatic transmission fluid	red	**22806** (1 litre) **30018** (5 litres) **26680** (60 litres) **26681** (200 litres)	Acura Ford PKW Ford US MAN Mercedes Benz Mini (BMW) Peugeot Volvo PKW VW	52107891AA 1 565 889 A97SXM2C202AB 339 V1 001 989 21 03 83 22 9 407 860 9730.AE 1161521 G 052 533 A2	Dexron III G/H Ford WSA-M2C195-A Ford WSS-M2C202-B Ford WSS-M2C919-E Ford WSS-M2C922-A1 Ford WSS-M2C938-A Honda Z1 MAN 339 V1/V2/Z2 MB 235.71 MB 236.6/9/10/13 MERCON V Peugeot ZF 4HP 14/18 VW TL 52533 ZF TE-ML 14C
69	Automatic transmission fluid	red	**29449** (1 litre) **36449** (5 litres) **38901** (60 litres) **38902** (205 litres)	Ssangyong Mercedes Benz	001 989 68 03 001 989 68 03	ATF 134 DSIH 6P805 MB 236.14
70	Automatic transmission fluid	blue	**33889** (1 litre) **100706** (5 litres) **100707** (60 litres) **38902** (205 litres)	Mercedes Benz	001 989 77 03	ATF 134 FE MB 236.15
71	Automatic transmission fluid	yellow	**47716** (1 litre) **100708** (5 litres) **100709** (60 litres) **38902** (205 litres)	Mercedes Benz	002 989 06 03	MB 236.16 MB 236.17

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
72	CVT gearbox oil	yellow	**27975** (1 litre)	Audi	G 052 180 A2	BMW CVT Fluid EZL 799 Daihatsu AMIX CVTF-DC Dodge CVTF+4 / NS-2 Ford CVT 23 / 30 Ford WSS-M2C928/33-A Fiat CVT 75W80 GM DEX-CVT Honda HCF-2 Hyundai CVTF MB 236.20 MERCON C Mitsubishi CVTF-J1 Nissan NS-1/2/3 Renault NS-2 Subaru NS-II Subaru Lineartronic CVTF/ ECVT/ iCVT Suzuki CVT Green 1 Suzuki NS-2/TC Toyota CVT FLUID FE/ TC VW TL 521 16/80
				Audi	G 052 516 A2	
				FIAT	CVT 75W80	
				Dodge	NS-2/ CVTF+4	
				Ford	Ford WSS-M2C933-A	
				Honda	08260-99905HE	
				Mercedes Benz	001 989 46 03	
				Mini (BMW)	83 22 2 344 207	
				Toyota	08886-02505	
				Honda	08260-99905HE	
				Mercedes Benz	001 989 46 03	
				Mini (BMW)	83 22 2 344 207	
				Toyota	08886-02505	
73	CVT gearbox oil DCTF-1	yellow	**39070** (1 litre) **39071** (5 litres)	Audi	G 052 529 A2	BMW Drivelogic 7-speed Dia Queen SSTF-I Ford WSS-M2C936-A MB 236.21 MB 236.24 MTF-LT-5 Mitsubishi XTC-SST Pentosin FFL-3 Porsche DCT PSA DCS 6-speed Renault EDC 6-speed VW TL 52 182
				BMW	83 22 2 148 578	
				Chrysler	68044345EA	
				Citroën	9734.S2	
				Ford	1 490 763	
				Land Rover	GX73-M1R564-AA	
				Mercedes Benz	001 989 85 03	
				Peugeot	9734.S2	
				Porsche	000 043 207 30	
				Seat	G 052 182 A2	
				Škoda	G 052 182 A2	
				Volvo	1161838	
				VW	G 052 529 A2	
74	CVT gearbox oil DCTF-2	yellow	**49700** (1 litre)	Audi	G 055 529 A2	VW TL 52529-C
				Seat	G 055 529 A2	
				Škoda	G 055 529 A2	
				VW	G 055 529 A2	
75	Transmission fluid SAE 75 W (GL-4)	yellow	**21829** (1 litre)	Audi	G 052 171 A2	API GL-4 MB 235.10 VW TL 521 71/78 VW TL 726 Ford WSS-M2C200-D2
				Citroën	9734.S2	
				Mercedes Benz	001 989 26 03	
				Seat	G 052 171 A2	
				Škoda	G 052 171 A2	
				Volvo	31280771	
				VW	G 052 171 A2	

Applications

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
76	Transmission fluid SAE 75 W-80 (GL-5)	yellow	**40580** (1 litre)	Audi	G 052 911 A2	API GL-5 Ford WSD-M2C200-C/C2/C3 MIL-L-2105 D MTF LT-2 MTF LT-3
				BMW	83 22 0 309 031	
				Citroën	B71 2330	
				FIAT	9.55550 MZ1	
				GM	90540998	
				Opel	19 40 182	
				Peugeot	B71 2330	
				Seat	G 052 911	
				Škoda	G 052 911	
				Volvo	97308	
				VW	G 052 911	
77	Transmission fluid SAE 75 W-90 (GL-5)	yellow	**32590** (1 litre)	BMW	83 22 9 407 768	API GL-5 VW 501 50 Ford WSD-M2C200-C
				Ford	1 347 488	
				GM	93165290	
				Opel	19 40 182	
				Vauxhall	93165290	
				VW	G 052 145 A1	
78	Transmission fluid SAE 75 W-85 (GL-5)	yellow	**48785** (1 litre)	Audi	G 052 145 S2	API GL-5 BMW Hypoid Axle Oil G1 MB 235.7/74 MB 239.71/72 ZF TE-ML 18
				BMW	83 22 2 295 532	
				Mercedes Benz	001 989 17 03 10	
				VW	G 052 145 A1	
79	Brake pad paste	white	**26711** (100 g)	Audi	G 000 650	
				GM	32960041	
				Mercedes Benz	001 989 47 51	
				Seat	G 000 650	
				Škoda	G 000 650	
				Volvo	1161687	
				VW	G 000 650	
80	Special installation grease		**31942** (180 g)	Audi	G 052 150 A2	VW LT 52 150
				Volvo	1161326	
				VW	G 052 150 A2	
81	High-temperature anti-friction bearing grease	green	**21909** (150 g)	Mercedes Benz	002 989 00 51	MB 265.1 NLGI 2
				Volvo	1161689	
82	Ring joint grease for constant velocity joints		**02597** (100 g)	Mercedes Benz	001 989 03 51/10	
83	High-temperature grease for constant velocity joints		**03630** (120 g)	Audi	G 052 133 A3	NLGI 1/2
				Seat	G 052 133	
				Volvo	9004312	
				VW	G 052 133 A3	

Applications

Page	Description	Colour	febi no.	Manufacturer	Replacement no	Recommended applications
84	High-temperature grease for constant velocity joints		**02582** (90 g)	Audi	G 000 603	
				Ford	1 122 899	
				Ford US	XS4JM1C230DA	
				GM	90007999	
				Opel	19 41 522	
				Seat	G 000 603	
				Vauxhall	19 41 522	
				Volvo	9004311	
				VW	G 000 603	
85	Special grease for injectors and glow plugs	white	**26712** (50 g)	Chrysler	05125642AA	
				Dodge	05125642AA	
				Mercedes Benz	001 989 42 51	
				Volvo	1161408	
86	Fluid grease		**03514** (1 litre)	EVOBUS	001 989 08 51	MB 264.0
				MAN	81.49503.0015	
				Mercedes Benz	001 989 08 51	
87	High-temperature multi-purpose EP grease	green	**28193** (400 g) **28194** (5 kg)	Berg. Achsen	02.1040.45.00	Eco-Li 91
88	Screw locking medium strength	blue	**26707** (10 g) **26708** (50 g)			
89	Screw locking high strength	blue	**26709** (10 g) **26710** (50 g)			
90	Urea (AdBlue)		**46329** (10 litres)	Audi	G 052 910 A4	AdBlue® AUS32 DIN 70070 ISO 22241
				BMW	83 19 0 441 139	
				EVOBUS	004 989 04 20	
				Mercedes Benz	004 989 04 20	
				Seat	G 052 910 A4	
				Setra	004 989 04 20	
				Skoda	G 052 910 A4	
				VW	G 052 910 A4	

SAE 0W-40

febi no. 101140 (1 litre)
febi no. 101141 (4 litres)
febi no. 101142 (5 litres)
febi no. 101143 (60 litres)
febi no. 101144 (200 litres)

Universal high performance engine oil suitable for petrol and diesel engines with or without turbocharger (as specified in operating instructions).

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Recommended applications	
· ACEA A3/B4	· VW 502.00/505.00
· API SN/CF	
· BMW Longlife-01	
· Ford WSS-M2C937-A	
· MB 229.3	
· MB 229.5	
· Porsche A40	

SAE 5W-30

febi no. 101150 (1 litre)
febi no. 101151 (4 litres)
febi no. 101152 (5 litres)
febi no. 101153 (60 litres)
febi no. 101154 (200 litres)

High-performance engine oil based on HC synthesis technology for petrol and diesel engines with and without turbocharger. Perfectly suited for vehicles with soot particulate filter (Refer to manufacturer specifications).

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Recommended applications	
· ACEA A1/B1	· Renault RN0700
· ACEA A5/B5	· STJLR.03.5003
· API SN/CF	
· ILSAC GF-3	
· ILSAC GF-4	
· Ford WSS-M2C913-C	
· Ford WSS-M2C913-D	

SAE 5W-30 longlife

febi no. 32941 (1 litre)
febi no. 32942 (4 litres)
febi no. 32943 (5 litres)
febi no. 32944 (60 litres)
febi no. 39336 (200 litres)

febi SAE 5W-30 longlife is an advanced state-of-the-art, low-ash engine oil for petrol and diesel engines with the highest requirements due to extended oil change intervals with and without soot particle filter.

- It meets what are currently the highest requirements for BMW, Mercedes-Benz, GM (Opel) and can also be used in VW petrol and diesel engines with pump-nozzle injection.

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Recommended applications
· ACEA C3
· API SN/CF
· BMW Longlife-04
· GM Dexos 2
· MB 229.51
· MB 229.52
· VW 502 00/505 00/505 01

SAE 5W-30 longlife**plus**

febi no. 32945 (1 litre)
febi no. 32946 (4 litres)
febi no. 32947 (5 litres)
febi no. 32948 (60 litres)
febi no. 39337 (200 litres)

febi SAE 5W-30 longlifeplus is an advanced state-of-the-art, low-ash universal engine oil for engines with the highest requirements suitable for BMW, Mercedes-Benz and VW with extended oil change intervals, soot particle filter and pump-nozzle, common rail injection or petrol-direct injection.

bilsteingroup partsfinder

Recommended applications
· ACEA C3
· API SN/CF
· BMW Longlife-04
· Chrysler MS-11106
· MB 229.51
· VW 504 00/507 00

SAE 5W-40

febi no. 32936 (1 litre)
febi no. 32937 (4 litres)
febi no. 32938 (5 litres)
febi no. 32939 (60 litres)
febi no. 32940 (200 litres)

SAE 5W-40 is a high-performance engine oil for modern petrol and diesel car engines by Mercedes-Benz, BMW, GM (Opel), Porsche and VW with extended change intervals.

- SAE 5W-40 is not suitable for vehicles with soot particle filter or pump-nozzle injection system.

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Recommended applications	
· ACEA A3/B3/B4-04	· Renault RN 0700
· API SN/CF	· Renault RN 0710
· BMW Longlife-01	· VW 502 00/505 00
· GM LL-B 025	
· MB 226.5 / 229.3	
· Porsche A40	
· PSA B 712296	

SAE 10W-40

febi no. 32931 (1 litre)
febi no. 32932 (4 litres)
febi no. 32933 (5 litres)
febi no. 32934 (60 litres)
febi no. 32935 (200 litres)

SAE 10W-40 is a high-performance engine oil for heavy-duty petrol and diesel car engines.

- It is also very well suited for engines with turbochargers.
- The excellent viscosity/temperature ratio enables a high level of wear protection at both low and high temperatures.

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Recommended applications
· ACEA A3/B3/B4-08
· API SL/CF
· MB 229.1
· VW 501 01/505 00

SAE 15W-40

febi no. 32925 (1 litre)
febi no. 32926 (4 litres)
febi no. 32927 (5 litres)
febi no. 32928 (25 litres)
febi no. 32929 (60 litres)
febi no. 32930 (200 litres)
febi no. 80366 (1000 litres)

SAE 15W-40 is a high-grade, multi-functional multi-purpose engine oil for car and truck engines.

- The special formulation enables it to be used in car engines and also in heavy-duty truck engines with and without turbocharger.

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Recommended applications	
· ACEA A3/B4	· MAN 3275
· ACEA E7	· MB 228.3 / 229.1
· API CI-4 / SL	· MTU Type 2
· CAT ECF-1-a/ECF-2	· Renault RLD-2
· Cummins 200 76 / 77 / 78	· Volvo VDS-3
· Deutz DQC-III	· VW 501 01/505 00
· Mack EO-M PLUS	

SAE 20W-50

febi no. 32921 (1 litre)
febi no. 32922 (5 litres)
febi no. 32923 (25 litres)
febi no. 32924 (60 litres)
febi no. 38408 (200 litres)

SAE 20W-50 is a high-grade, multi-functional multi-purpose engine oil for car and truck engines.

- The particularly high viscosity ensures a stable lubricating film even under extreme conditions, e.g. high outside temperatures.

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Recommended applications	
· ACEA A3/B3/B4	· Mack EO-M PLUS
· ACEA E7	· MAN 3275
· ALLISON C	· MB 228.3
· API CI-4 / SL	· MB 229.1
· CAT ECF-1-a/ECF-2	· MTU Type 2
· Cummins 20071/-72/-76/-77/-78	· Renault RLD-2
· Deutz DQC III-05	· VOLVO VDS-3

SAE 10W-40 Truck Special longlife

febi no. 105840 (5 Liter)
febi no. 34047 (20 Liter)
febi no. 34048 (60 Liter)
febi no. 34049 (200 Liter)

febi SAE 10W-40 Truck Special longlife is a high-performance engine oil for a large number of diesel engines for trucks, buses and driven machines with and without turbocharger.

- Specially developed for the requirements in heavy-duty engines with extended maintenance intervals.
- High wear protection even under severe operating conditions with full engine output.

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Recommended applications	
· ACEA E7/E4	· MB 228.5
· API CI-4	· MTU DDC Type-3
· Cummins CES 20077/8	· Renault RLD-2
· Deutz DQC III-10	· Renault RXD
· IVECO 18-1804	· Scania LDF-2
· Mack EO-M PLUS	· SDFG OM-1901A
· MAN M 3277	· Volvo VDS-3

SAE 10W-40 Truck Special longlife**plus**

febi no. 34052 (200 litres)

febi SAE 10W-40 Truck Special longlifeplus is a low-ash engine oil for the highest requirements.

- Perfectly suited for state-of-the-art turbocharged truck engines with exhaust gas after treatment.
- Very low sulphate ash, phosphorous and sulphur content.
- Excellent wear protection, even with the longest oil change intervals.
- Enables a 3% lower fuel consumption compared to conventional multi-grade oil.

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Recommended applications	
· ACEA E7/E6/E9	· MAN M 3477
· API CI-4	· MB 228.51
· CAT ECF-1a	· MTU DDC Type 3.1
· Cummins CES 20076/77	· Renault RGD
· Deutz DQC III-10 LA	· Renault RLD-2
· MACK EO-N	· Renault RXD
· MAN 3271-1	· Volvo VDS-3

SAE 5W-30 Truck longlife EU6

febi no. 48416 (205 litres)

febi 48416 SAE 5W-30 Truck longlife EU6. EU6 is a latest generation low ash engine oil for modern, highly supercharged truck engines, with exhaust gas treatment and emission standard Euro 6.

- Consumption optimization via reduced viscosity with highest wear protection, even under the most severe conditions and spanning all change intervals.
- Excellent choice of oil, as it is suitable for a wide range of manufacturers.

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Recommended applications	
· ACEA E9/E7/E6/E4	· MAN M 3271-1/3477/3677
· API CJ-4	· MB 228.5/31/51
· CAT ECF-3	· MTU DDC TYPE 3.1
· CUMMINS CES 20081	· Renault RLD-3
· DEUTZ DQC IV-10 LA	· Scania LA
· IVECO 18- 1804 CLASSE TLS E6	· Volvo CNG
· MACK EO-O PREMIUM PLUS	· Volvo VDS-3/4

Antifreeze (blue)

febi no. 01089 (1,5 litres)
febi no. 22268 (5 litres)
febi no. 22270 (20 litres)
febi no. 05011 (60 litres)
febi no. 31276 (210 litres)
e.g. repl. no. 81 22 9 407 454

febi 01089 is a longlife antifreeze and corrosion inhibitor for all liquid-cooled combustion engines.

- From a concentration of 25% or more, febi 01089 will protect against corrosion, cavitation, scale, silting up and foaming. The vehicle manufacturer's specifications must be adhered to in all cases.
- Can also be used without problems in engines with aluminium cylinder heads and radiators.
- febi 01089 is proven in practice and has been tested in units with fill specifications MAN 324, MB 325.0 and GM 1825 M.

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Recommended applications
· MAN 324 NF
· MB 325.0
· MB 325.2
· VW TL 774-C

Antifreeze (yellow-green)

febi no. 02374 (1,5 litres)
febi no. 88541 (5 litres)
febi no. 75011 (60 litres)
febi no. 89428 (210 litres)
e.g. repl. no. 000 989 08 25

febi 02374 is a nitrite-free longlife antifreeze with a high level of corrosion protection.

- Developed for use in modern, liquid-cooled combustion engines.
- Provides the cooling water with adequate corrosion protection even at concentrations as low as 20%.
- Protection against corrosion and cavitation, prevents deposits and foaming.

bilsteingroup partsfinder

Recommended applications
· MB 325.2

Antifreeze (red) G12

febi no. 01381 (1,5 litres)
febi no. 22272 (5 litres)
febi no. 22274 (20 litres)
febi no. 12710 (60 litres)
febi no. 33830 (210 litres)
e.g. repl. no. G 012 A8D A1

febi 01381 is a longlife, antifreeze and corrosion inhibitor for grey cast iron and all aluminium engines and meets the requirements of VW, Audi, Seat and Škoda with the following properties:

- Antifreeze down to -40° C – provides excellent protection against corrosion and deposits.
- Raises the boiling point. As a result an even discharge of heat is achieved.
- As little as 33% in the cooling system provides adequate corrosion protection and in addition frost protection down to -22°C.

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Recommended applications
· VW TL 774 D

Antifreeze (purple) G12+

febi no. 19400 (1,5 litres)
febi no. 19402 (5 litres)
febi no. 22276 (20 litres)
febi no. 22278 (60 litres)
febi no. 33831 (210 litres)
e.g. repl. no. G 012 A8F A1

febi's 19400 outstanding properties meet and exceed the requirement of numerous manufacturers and international standards.

- febi 19400 meets and exceeds the requirements of many manufacturers and international standards due to its outstanding properties.
- Provides engines with excellent protection against corrosion and cavitation.
- Prevents deposits and foaming.
- Protects hoses and gaskets.
- Mixable with silicate-free antifreezes.
- Equates to VW antifreeze "G12 plus" and is mixable with antifreezes 01089 (blue), 02374 (yellow), 01381 (red) and the antifreezes of other brand manufacturers.

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Recommended applications	
· ASTM D3306/D4340/D4985	· MB 325.3
· DEXCOOL	· NATO S-759
· Ford WSS-M97B44-D	· NF R 15 601
· Glysantin G33	· SAE J1034
· GM 1825M/1899M	· TOYOTA Super Long Life Coolant
· GM Saturn	· Volvo VCS
· MAN 324 SNF	· VW TL 774-D/774-F

Antifreeze (purple) G12++

febi no. 37400 (1,5 litres)
febi no. 37401 (5 litres)
febi no. 37402 (60 litres)
e.g. repl. no. G 012 A8G M1

febi 37400 is a universal, nitrite-free, amine-free and phosphate-free, long-term radiator antifreeze concentrate on a mono ethylene glycol basis for modern aluminium and cast iron motors.

- Excellent corrosion protection
- Backwards compatible and can be mixed with branded antifreezes of previous generations such as febi 01381 (VW G12) or febi 19400 (VW G12+) and thus an ideal antifreeze concentrate for universal use.
- Recommended mixing ratio with water: 1:1 which represents an antifreeze content of -37°C.

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Recommended applications
· Glysantin G40
· MAN 324 Typ Si-OAT
· MB 325.5
· MB 325.6
· SAE J1034
· Scania TB 1451
· VW TL 774 G

Antifreeze (purple) G13

febi no. 38200 (1,5 litres)
febi no. 38201 (5 litres)
febi no. 38202 (60 litres)
e.g. repl. no. G 013 A8J M1

febi 38200 is a long-term anti-freeze of the latest generation on a mono ethylene glycol and 20% glycerine basis. This combination, in conjunction with a modern, specially coordinated, additive package gives this radiator anti-freeze its excellent properties. As a result of the highest possible material compatibility febi 38200 is especially suited for use in modern engines. The protection from corrosion, deposits and cavitation has been improved further. Attention has been paid during manufacturing to ensure environmentally aware disposal is possible, thanks to the high proportion of glycerine and the consistent avoidance of phosphates, nitrites and nitrates. febi 38200 was developed specifically for the vehicles of VW, Audi, Seat and Škoda and can be universally used in these vehicles and can also be mixed with previous generations of radiator antifreeze.

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Recommended applications
· SAE J1034
· VW TL 774-J

Antifreeze (green)
Ready Mix -30 °C Renault, Typ D

febi no. 26580 (1,5 litres)
febi no. 26581 (5 litres)
febi no. 26582 (25 litres)
e.g. repl. no. 77 11 171 589 S1

febi 26580 is a ready-mix with frost protection down to -30°C and was developed specifically for use in Renault engines.

- Ready-mix; no further dilution necessary.
- Protection against corrosion and cavitation, prevents deposits and foaming.
- Manufactured based on Texaco technology; therefore perfectly suited for all Renault engines.

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Recommended applications
· Glaceol RX type D
· GM 1825M
· GM 1899M
· Renault Typ D
· SAE J1034

Antifreeze (blue) Ready Mix -30 °C

febi no. 24196 (1,5 litres)
e.g. repl. no. 000 989 08 25 S2

febi 24196 is a coolant ready-mix with 40% proportion of antifreeze.

- Ready for use immediately.
- Achieves low-temperature protection down to -30°C.
- Nitrite-free antifreeze and corrosion inhibitor.
- Can also be used in engines with aluminium cylinder head.

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Brake fluid DOT 4

febi no. 26746 (0,25 litres)
febi no. 26461 (1 litre)
febi no. 21754 (5 litres)

febi 26461 is a fully synthetic brake fluid with oxidation and corrosion inhibitors.

- Fully synthetic brake fluid for hydraulic brake and clutch systems with a boiling point of at least 265°C and a wet boiling point of at least 160°C.
- Mixable with any other fully synthetic brake fluid.
- The requirements currently applicable in the recommended applications shown below are met and even exceeded on many points.

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Recommended applications	
· DBL 7760 Typ DOT4	· VW TL 7766 X/Y
· FMVSS 116 DOT3. DOT4	
· Ford SAM 6C9103 A	
· GM GME L5 104	
· ISO 4985	
· RENAULT 41-02-001	
· SAE J 1703	

Brake fluid DOT 4 **Plus**

febi no. 26748 (0,25 litres)
febi no. 23930 (1 litre)
febi no. 23932 (5 litres)

febi 23930 is a fully synthetic brake fluid with oxidation and corrosion inhibitors.

- Fully synthetic brake fluid for hydraulic brake and clutch systems with a boiling point of at least 265°C and a wet boiling point of at least 180°C.
- Mixable with any other fully synthetic brake fluid.
- Particularly recommended for modern brake systems with anti-lock and stability systems.
- The requirements currently applicable in the recommended applications shown below are met and even exceeded on many points.

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Recommended applications	
· FMVSS 116 DOT4, DOT3	· SAE J 1703
· Ford SAM-6C9103-A	· SUPER DOT 4
· GM GME L5 104	· TL 766 X/Y
· Jaguar MNA 2829 AA	· ISO 4925
· Jaguar XR83 M6C25 A	
· MB 331.0	
· Renault 41-02-001	

Central hydraulic fluid synthetic (green)

febi no. 06161 (1 litre)
e.g. repl. no. 81 22 9 407 758

febi 06161 (synthetic) central hydraulic fluid was developed for use in systems for the central hydraulic system level control, hydropneumatic suspension as well as active damping and steering in the application range from -40°C to +130°C.

- The outstanding low-temperature properties (synthetic oil) in conjunction with excellent shear stability ensure functional reliability even at high temperatures.
- The outstanding wear protection, measured in the FZG A/8,3/90 damage performance level <12 oil test, means high wear-resistance for hydraulic pumps and valves.

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Recommended applications	
· CHF 11-S	· PSA S71 2710
· Citroen Fluide LDS	· TUTELLA GI/R
· Ford WSS-M2C204-A	· VW TL 52146
· GM 1193160548	· ZF TE-ML 02K
· KIA PSF-4	
· MAN M 3289	
· Opel B 0400070	

Central hydraulic fluid (green)

febi no. 46161 (1 litre)
e.g. repl. no. G 004 000 M2

febi 46161 is a central hydraulic oil of the latest generation for car power steering, central hydraulics and level control.

- Very good low temperature properties and extremely high wear resistance are outstanding features of this product.
- Its excellent seal compatibility facilitates application in various power steering systems.

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Recommended applications
· Chrysler MS-11655b
· CHF-202
· Ford WSS-M2C195-A
· GM B 040 2012
· VW TL 52519-B

Central hydraulic fluid mineral (green)

febi no. 06162 (1 litre)
e.g. repl. no. 81 22 9 407 549

febi 06162 (mineral) central hydraulic fluid was developed for use in systems for the central hydraulic system, level control, hydropneumatic suspension as well as active damping and steering in the application range from -40°C to +100°C.

- In addition to the extremely favourable low-temperature viscosity, which ensures safe operation when used in cold climates, the mineral-based central hydraulic fluid is also perfectly suited to high temperatures up to approx. +100°C due to the composition of the additive base oil.

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Recommended applications
· CHF 7.1

Hydraulic fluid LHM-plus (green)

febi no. 24704 (1 litre)
e.g. repl. no. 9979.A1

febi 24704 is a mineral-based hydraulic fluid with excellent behaviour at low temperatures specifically for Citroën's hydropneumatic suspension.

- Designed for the application range from -40°C to +100°C.

Recommended applications
· DIN 51524 Teil 3
· ISO 7308
· LHM Plus
· PSA B71 2710

Power steering fluid (green)

febi no. 21647 (1 litre)
e.g. repl. no. 000 989 24 03

febi 21647 is a fully synthetic product which meets the requirements of MB 345.0.

- Optimised temperature resistance.
- Developed for maximum load central hydraulic systems, power steering systems and shock absorbers which can reach continuous oil temperatures up to +140°C.

Recommended applications
· MB 345.0

Central hydraulic fluid (light brown)

febi no. 21648 (1 litre)
e.g. repl. no. 000 989 20 03

febi 21648 is a high-grade central hydraulic fluid based on predominantly synthetic hydrocarbons.

- Contains a highly effective combination of active substances.
- Excellent wear protection of central hydraulic system components combined with a very low friction coefficient.

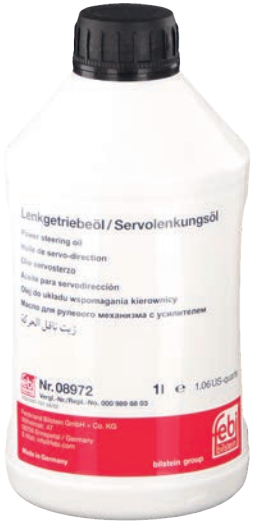
Recommended applications
· MB 344.0

Power steering fluid (yellow)

febi no. 08972 (1 litre)
e.g. repl. no. 000 989 88 03/2

Power steering fluid febi 08972 is a universal ATF at the performance level of Dexron II and is optimised specifically for use in steering gears.

- Particularly resistant to ageing, protects reliably against wear and corrosion and is therefore especially suitable for use in hydraulic power steering systems.



Recommended applications	
· Dexron II	· ZF - TE-ML 14A
· MB 236.3	· ZF - TE-ML 17C
· VOITH 55.6335 (standard drain)	
· ZF - TE-ML 03D	
· ZF - TE-ML 04D	
· ZF - TE-ML 09	
· ZF - TE-ML 11	

Hydraulic fluid ZH-M (yellow)

febi no. 02615 (1 litre)
e.g. repl. no. 000 989 91 03

febi 02615 mineral-based hydraulic fluid was developed for use in level control systems and central hydraulic systems of vehicles.

- Ensures excellent protection against oxidation and ageing due to a selected combination of additives.
- Is used when mineral oil based hydraulic media are recommended because of the operating conditions.

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Recommended applications
· MB 343.0

High-performance oil for vehicles with **Haldex-couplings**

febi no. 101170 (275 ml)
e.g. repl. no. G 052 175 A1

febi 101170 is a high-performance 4WD oil for the first generation of Haldex coupling, which was available on VAG, Ford and Land Rover vehicles.
To enable the refilling of the oil through the vertically placed opening of the drain plug, this oil is supplied in a special cartridge with a precisely fitting filling spout. The contents of 275 ml which corresponds to one service refill. This oil is based on high-grade base oils with a specially balanced additive package to improve the friction co-efficient and wear protection and to ensure high levels of oxidation and shear stability. febi heavy-duty oils provide optimum performance in hydraulic clutches on four-wheel drive vehicles in both summer and winter operation.

bilsteingroup partsfinder

Recommended applications
· Ford AWD-2
· VW TL 52175

high-performance oil for vehicles with **Haldex-couplings**

febi no. 101171 (1 litre)

e.g. repl. no. G 055 175 A2

febi 101171 is a clutch oil for the later generation of Haldex couplings. This highly developed oil for the 4WD multiplate clutch pack, sustains power, even at extreme torque levels, thanks to its special-purpose additives. The oil's special oxidation, foam and corrosion protection contribute to a long clutch service life. Thanks to its improved friction coefficient and stable viscosity characteristics.
febi heavy-duty oils provide optimum performance in hydraulic clutches on four-wheel drive vehicles in both summer and winter operation.

Note: Please observe the manufacturer's recommendation/OE cross-reference number.

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Recommended applications
· VW TL 52175-X

high-performance oil for vehicles with **Haldex-couplings**

febi no. 101172 (850 ml)

e.g. repl. no. G 060 175 A2

febi 101172 has been developed specifically to meet the requirements of the latest generation of 4WD clutches from VAG. The filling quantity of 850 ml corresponds to one service refill. This service product makes an ideal alternative to the original container. Thanks to high-grade base oils used in conjunction with a high-performance additive package, this oil meets all the demanding requirements for oxidation and wear protection. febi 101172 is particularly low-foaming, so it assists the hydraulic activation of the 4WD clutch, giving a constant friction coefficient allowing the clutch to deliver high output levels and constant function between recommended oil replacement intervals.

bilsteingroup partsfinder

Recommended applications
· VW TL 52175-Y

Automatic transmission fluid (red)

febi no. 08971 (1 litre)
febi no. 30017 (5 litres)
e.g. repl. no. 000 989 92 03

febi 08971 (ATF) is a very high-grade transmission fluid for automatic transmission based on solvent-refined base oils.

- Developed for use in automatic transmissions, hydraulic steering systems, torque converters and power transmissions.
- Usable in transmissions with ATF Dexron II D fill specification.

bilsteingroup partsfinder

Recommended applications		
· Allison C3 / C4	· MB 236.1/2/5/6/7	
· DEXRON II D	· Suffix A	
· Ford ESD-M2C138-CJ	· ZF TE-ML-03, 09, 11, 14	
· Ford ESD-M2C186-A		
· Ford ESP-M2C166-H		
· MAN 339-V1		
· MAN 339-Z1		

Automatic transmission fluid for Asian vehicles (red)

febi no. 29934 (1 litre)
febi no. 101161 (5 litres)
febi no. 101162 (60 litres)
e.g. repl. no. 08886-80506

febi 29934 is a state-of-the-art high-performance automatic transmission fluid specially designed for automatic transmissions of Asian vehicles. It is distinguished by an increased torque capacity which meets and in many cases even exceeds the vehicle manufacturers' requirements.

Particularly suitable for use in AISIN-WARNER automatic transmissions which are fitted mainly in Asian vehicles but also in US and European vehicles.
It is characterised by:

- Permanently high friction coefficient.
- Excellent stability to ageing and oxidation.
- Maximum wear protection.

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Recommended applications		
· AISIN WARNER/ AW-1	· Honda ATF Z-I/DW-1	· Peugeot ATF AW-1
· ATF AW-1	· Isuzu Besco ATF-II / III	· Saab ATF 3309
· ATF SP-II / III	· JASO M315 Typ 1A	· Subaru ATF / Special
· ATF T-IV	· JWS 3309 /3324	· Suzuki 3309 / 3317
· BMW ATF 6	· JWS 3309 / TYPE T-IV	· Toyota T-II /III
· Chrysler ATF +4	· Kia SP-II / III	· Toyota Type D-2/WS
· Daihatsu Alumix ATF	· Ford WSS-M2C924-A	· Toyota WS
· Dexron III	· Mitsubishi SP II / III	· TUTELA GI/V/VI
· Fiat Typo T-IV	· Nissan C/D/J/Matic S	
· Ford WSS-M2C922-A1	· Mazda ATF D-III/M-III/M-V	

Automatic transmission fluid

febi no. 32600 (1 litre)
febi no. 32605 (5 litres)
e.g. repl. no. Dexron VI

febi 32600 is a state-of-the-art automatic transmission fluid for the highest requirements in automatic transmissions and power steering systems with fill specifications according to DEXRON VI.

- Downwardly compatible and mixable with older DEXRON II and DEXRON III fill specifications.
- Perfectly suited for streamlining of grades.
- Consists of high-grade base oils and a state-of-the-art additive package.
- Very high level of wear protection and high functionality over the entire life cycle.
- Good wear protection even at high temperatures.
- Its excellent viscosity/temperature ratio ensures outstanding lubrication capacity even at low temperatures.
- To achieve full performance of febi 32600, it is recommended to change the transmission fluid completely and to flush the gearbox thoroughly before the final filling takes place.

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Recommended applications
· Dexron VI
· MB 236.41
· MERCON LV
· VOITH H55.6335.3X

Automatic transmission fluid (yellow)

febi no. 14738 (1 litre)
febi no. 29738 (5 litres)
e.g. repl. no. G 052 162 A2

febi 14738 is a high-grade automatic transmission fluid with long-term properties for extended oil change intervals.

- The basis of this semi-synthetic oil are high-grade base oils and special additives which are specifically matched in their composition for use in automatic transmissions and lock-up clutches.

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Recommended applications	
· BMW ATF 4	· VOITH G 607
· BMW LA 2634	· VW LT 711 41
· Honda PSF-S	· VW TL 521 62
· Hyundai PSF-3	· ZF Lifeguardfluid 5
· KIA PSF-III	· ZF TE-ML 11B, 14B
· MB 236.11	
· Toyota PSF EH	

Automatic transmission fluid (yellow)

febi no. 34608 (1 litre)
febi no. 38935 (5 litres)
febi no. 38936 (20 litres)
febi no. 38937 (60 litres)
e.g. repl. no. G 055 005 A2

febi 34608 is state-of-the-art automatic transmission fluid, specially developed for use in ZF 6-speed automatic transmissions.

- ZF 6HP19
- ZF 6HP19X (ex. Audi Q7)
- ZF 6HP21
- ZF 6HP21X
- ZF 6HP26
  ZF 6HP26X
- ZF 6HP26A61 (ex. Audi W12)
- ZF 6HP28
- ZF 6HP28X
- ZF 6HP28A61
- ZF 6HP32
- ZF 6HP32A
- ZF 6HP32X

The vehicle manufacturers' change intervals must be adhered to!

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Recommended applications	
· ATF M-1375.4	· ZF GETRIEBE (S671 090 255)
· BMW ATF 2	
· Ford WSS-2C938 -A	
· HYUNDAI ATF SP-IV	
· Jaguar Fluid 8432	
· KIA ATF SP-IV	
· Mercon SP	

Automatic transmission fluid (green)

febi no. 39095 (1 litre)
febi no. 39096 (5 litres)
febi no. 39097 (20 litres)
febi no. 39098 (60 litres)
e.g. repl. no. G 060 162 A2

febi 39095 is a specially developed, extremely modern automatic transmission oil for the current generation of 8- & 9-speed automatic transmission from ZF. The high-quality base oils and additives are coordinated specifically for use in the ZF 8HP automatic transmission and enable the highest possible gear switching comfort and maximum wear protection over the entire change interval. febi 39095 is intended solely for use in the automatic transmissions of ZF with the filling specifications ZF Lifeguardfluid 8. In order to prevent confusion with previous gear oil generations, this oil is coloured green. In order to achieve the full performance capability of febi 39095, it is recommended to change the gear oil fully including the filter and to carry out a thorough flush of the transmission before filling properly.

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Recommended applications
· ATF 3+
· Jeep ATF LGF8
· ZF Lifeguardfluid 8

Automatic transmission fluid (red)

febi no. 22806 (1 litre)
febi no. 30018 (5 litres)
febi no. 26680 (60 litres)
febi no. 26681 (200 litres)
e.g. repl. no. 001 989 21 03

febi 22806 is a universal ATF for all automatic transmissions with and without regulated torque converter lock-up clutch.

- Ensures maximum wear protection in any operating condition.
- Very high thermal stability.
- Provides reliable protection against wear, silting up, corrosion and seizing.
- Particularly good viscosity/temperature ratio.
- Can be mixed with all branded ATFs without problem.
- Low-foam even in severe conditions.

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Recommended applications	
· Dexron III G/H	· MAN 339 V1/V2/Z2
· Ford WSA-M2C195-A	· MB 235.71
· Ford WSS-M2C202-B	· MB 236.6 / 9 / 10 / 13
· Ford WSS-M2C919-E	· MERCON V
· Ford WSS-M2C922-A1	· Peugeot ZF 4HP 14/18
· Ford WSS-M2C938-A	· VW TL 52533
· Honda Z1	· ZF TE-ML 14C

Automatic transmission fluid (red)

febi no. 29449 (1 litre)
febi no. 36449 (5 litres)
febi no. 38901 (60 litres)
febi no. 38902 (205 litres)
e.g. repl. no. 001 989 68 03 (ATF 134)

febi 29449 is an ultra high performance automatic transmission fluid for 5- & 7-speed automatic transmissions by Mercedes-Benz up to production date 18.06.2010 to optimise gearshift comfort (Transmissions 722.6XX and 722.9XX).

Selected base oils and special additives enable:

- Outstanding behaviour at low temperatures.
- Optimised, exceptionally constant friction behaviour and as a result good gear changing behaviour over the entire operating time.
- Mixable with conventional branded ATFs.

We recommend that you change the transmission fluid completely and flush out the gearbox and the torque converter so that you can utilise the advantages of febi 29449 to the full.

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Recommended applications
· ATF 134
· DSIH 6P805
· MB 236.14

Automatic transmission fluid (blue)

febi no. 33889 (1 litre)
febi no. 100706 (5 litres)
febi no. 100707 (60 litres)
e.g. repl. no. 001 989 78 03

febi 33889 is a new generation, state-of-the-art fuel economy ATF for Mercedes-Benz latest 7-speed automatic transmissions after production date 21.06.2010.

- Was developed specifically for the requirements of the latest 7-speed transmission (722.9).
- Has a particularly low viscosity and therefore increases transmission efficiency.
- Very high level of wear protection over the entire life cycle.
- Ensures a very stable friction coefficient and optimum low-temperature properties.

Note: febi 33889 is not downwardly compatible with the previous ATFs. It may only be used from the production date of 21.06.2010. It is not suitable for vehicles with engine OM 629 (8-cylinder diesel) and older transmissions with fill specification 236.14 (red ATF)! This ATF is therefore dyed blue to make it easier to distinguish between the fluids and to prevent errors. The vehicle manufacturers' change intervals must be adhered to!

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Recommended applications
· ATF 134 FE
· MB 236.15

Automatic transmission fluid (yellow)

febi no. 47716 (1 litre)
febi no. 100708 (5 litres)
febi no. 100709 (60 litres)
e.g. repl. no. A 001 989 92 03

febi 47716 Modern ATF for the latest generation of 9-gear automatic transmissions by Mercedes-Benz (725.0)

- This oil is of very low viscosity which improves the gearbox efficiency even more, and ensures that modern systems such as start-stop function and hybrid drives are more effectively coordinated. The additives applied also result in extremely high wear resistance, even at high temperatures. To ensure efficient hydraulic functions during the entire service life, despite low viscosity, particular attention was given to good foaming behaviour when developing this oil. Please note that this oil may only be used for the 9-gear transmission type 725.OXX of Mercedes-Benz. Observe manufacturer specifications!

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Recommended applications
· MB 236.16
· MB 236.17

CVT gearbox oil (yellow)

febi no. 27975 (1 litre)
e.g. repl. no. G 052 180 A2
e.g. repl. no. G 052 516 A2

febi 27975 is a high-performance automatic transmission fluid for use in CVT gearboxes with thrust link belt or traction chain.
As a result, it is very well suited for the CVT Autotronic transmission of Mercedes-Benz A and B class (BM 169, 245), Audi Multitronic and also for use in CVT transmissions of Ford, BMW Mini, Nissan, Subaru and Toyota.

The special synthetic base oils ensure:
- Very good wear protection, particularly under difficult ambient conditions in CVT gearboxes.
- Optimum low-temperature properties.
- Low friction losses.
- Optimum friction behaviour over the entire change interval.

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Recommended applications		
· BMW CVT Fluid EZL 799	· Honda HCF-2	· Renault NS-2
· Daihatsu AMIX CVTF-DC	· Hyundai CVTF	· Subaru NS-II
· Dodge CVTF+4 / NS-2	· MB 236.20	· Suzuki CVT Green 1
· Ford CVT 23 / 30	· MERCON C	· Suzuki NS-2/TC
· Ford WSS-M2C928/33-A	· Mitsubishi CVTF-J1	· Toyota CVT FLUID FE/ TC
· Fiat CVT 75W80	· Nissan NS-1/2/3	· VW TL 521 16/80
· GM DEX-CVT	· Subaru Lineartronic CVTF/ ECVT/ iCVT	

Gearbox oil DCTF-1 (yellow)

febi no. 39070 (1 litre)
febi no. 39071 (5 litres)
e.g. repl. no. G 052 529 A2
e.g. repl. no. 001 989 85 03

febi 39070 is a high-performance gear oil which can be used for numerous applications. This is suitable for use in vehicles that have direct-shift gearboxes (also known as double-clutch gearboxes). This includes both the 6- & 7- speed direct-shift gearboxes from VW, Audi, Seat, and Škoda. It is also suitable for a wide range of other direct-shift gearboxes from BMW, Ford, Volvo, Mercedes or Peugeot / Citroën.
This makes febi 39070 an excellent choice, as it covers numerous applications without needing to stock the other oils.

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Recommended applications	
· BMW Drivelogic 7-speed	· MTF-LT-5
· DCTF-1	· Pentosin FFL-3
· Dia Queen SSTF-I	· Porsche DCT
· Ford WSS-M2C936-A	· PSA DCS 6-speed
· MB 236.21	· Renault EDC 6-speed
· MB 236.24	· VW TL 52 182
· Mitsubishi XTC-SST	

Gearbox oil DCTF-2 (yellow)

febi no. 49700 (1 litre)
e.g. repl. no. G 055 529 A2

High-performance gear oil for numerous applications and therefore suitable for many vehicles from VW, Audi, Seat and Škoda with direct-shift gearbox (also known as double-clutch gearbox).

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Recommended applications
· VW TL 52529-C

Transmission fluid SAE 75W (yellow) (GL-4)

febi no. 21829 (1 litre)
e.g. repl. no. G 052 171 A1 / A2

febi 21829 is a high-grade universal FE transmission fluid (fuel economy) for all manual gearboxes that require low-viscosity oils to reduce fuel consumption in accordance with manufacturers' specifications.

- Allows to save fuel.
- Very high thermal stability.
- Provides reliable protection against wear, silting up, corrosion and seizing.
- Particularly good viscosity/ temperature ratio.
- Can be mixed with all branded manual transmission fluids without problem.
- Low-foam even in severe conditions.
- Streamlining to one manual transmission fluid with many possible applications.

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Recommended applications
· API GL-4
· Ford WSS-M2C200-D2
· MB 235.10
· VW TL 521 71
· VW TL 521 78
· VW TL 525 12
· VW TL 726

Transmission fluid
SAE 75W-80 (yellow) (GL-5)

febi no. 40580 (1 litre)
e.g. repl. no. G 052 911

febi 40580 is a modern, high-performance transmission oil for car transmission of the latest generation.

- This modern formulation especially guarantees good compatibility of modern materials such as synchronizer rings of carbon or sinter material.
- Its decreased viscosity reduces fuel consumption, fulfilling vehicle manufacture requirements related to fuel and CO2 savings.
  Excellent corrosive protection and high wear resistance comply with the considerable increase in requirements of modern transmissions as a result of higher engine power and increasing operating temperatures.

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Recommended applications
· API GL-5
· Ford WSD-M2C200-C/C2/C3
· MIL-L-2105 D
· BMW MTF LT-2
· BMW MTF LT-3
· BMW MTF LT-4

Universal transmission fluid
SAE 75W-90 (yellow) (GL-5)

febi no. 32590 (1 litre)

febi 32590 is a multi-purpose transmission fluid for manual gearboxes and axle drives.

- Highly shear-resistant.
- Offers reliable protection against wear even under severe conditions in heavy-duty axle gears and at high temperatures.
- Also excellently suitable for manual gear boxes due to the particularly good viscosity/temperature ratio.
- Offers good gear changing comfort even at low temperatures.
- Good wear protection even at high temperatures.
- Protects against corrosion.
- Universally usable in transmissions and differentials but only if no multi-plate LSD is fitted.

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Recommended applications
· API GL-4
· API GL-5
· Ford WSD-M2C200-C
· VW 501 50

Axle Gear Oil
SAE 75W-85 (yellow) (GL-5)

febi no. 48785 (1 litre)
e.g. repl. no. VW G 052 145 A1 / S2

febi 48785 is a pure hypoid axle drive oil, with extremely high wear protection and good fuel economy properties.

- So this oil fits in virtually all Axle and transfer case at Mercedes Benz, in numerous Audi applications with four-wheel (quattro) and many others Hypoid axle transmisson from other manufacturers.
- NOT suitable for manual transmissions.

- NOT suitable for differentials with a limited slip differential.

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Recommended applications
· API - GL-5
· BMW Hypoid Axle Oil G1
· MB 235.7
· MB 235.74
· MB 239.71
· MB 239.72
· ZF TE-ML 18

Brake pad paste (white)

febi no. 26711 (100 g)
e.g. repl. no. G 000 650

febi 26711 is a white, metal-free, anti-seize ceramic paste. Use this product to prevent noise (squealing) in disc brake pads.

- Metal-free and therefore suitable for all aluminium and cast iron brake calipers.
- Resistant to hot and cold water and to most acids and bases.
- Usable in the temperature range from -30°C to +1400°C.
- Perfectly suited for separation and as corrosion protection for threads, bolts, pins etc. exposed to high temperatures.

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Special installation grease

febi no. 31942 (180 g)
e.g. repl. no. G 052 150 A2

febi 31942 is a lithium-complex saponified special grease for the installation of plastic bearings on the basis of polyethylene glycol base oils.

febi 31942 is particularly stable under pressure, protecting from wear of the bearing on installation and is characterised by a particularly good elastomer compatibility.
As a result, febi special lithium grease is excellent for the installation of plastic bearing used, for example, in the chassis of many vehicles from VW / Audi.

How to use:
Housing and bearing must be clean, dry and free from dust, rust or other residues. Apply febi special lithium grease evenly to the bearing and press into place with a suitable tool. Remove excess grease after mounting.

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Recommended applications
· VW TL 52 150

High-temperature anti-friction bearing grease (green)

febi no. 21909 (150 g)
e.g. repl. no. 002 989 00 51

febi 21909 is a multi-purpose EP grease suitable for use in a wide range of temperatures. It consists of a mineral base oil in conjunction with high-grade lithium complex soap and a special combination of additives.

- The special active EP substances improve pressure absorption capacity so that safe lubrication is guaranteed even in extreme conditions.
- Lifetime lubrication for anti-friction bearings exposed to high thermal loads.
- Excellent corrosion protection properties.
- Area of application: -30°C to +150°C (to +200°C with continuous relubrication).

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Recommended applications
· MB 265.1
· NLGI 2

Ring joint grease
for constant velocity joints

febi no. 02597 (100 g)
e.g. repl. no. 001 989 03 51/10
to fit Mercedes-Benz

febi 02597 is a high-grade ring joint grease with good emergency run characteristics. It contains a highly shear-resistant lithium 12-hydroxystearate soap and the solid lubricant additive MoS2 to improve pressure absorption capacity, corrosion protection and adhesion.

- Ideal for friction partners with low glide speed and high pressure.
- Versatile applications, for example lubrication of joints, PTO drive shafts, plain bearings, fifth wheel couplings and king pins.

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High-temperature grease
for constant velocity joints

febi no. 03630 (120 g)
e.g. repl. no. G 052 133 A3

febi 03630 is a high-performance grease based on high-temperature resistant base materials. The composition ensures long-term lubrication at low and high temperatures and enables lifetime lubrication of CV joints.

- Resistant to hot and cold water.
- Usable in the temperature range from -35°C to +150°C (short-term up to +170°C).

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Recommended applications
· NLGI 1/2

Lubricating grease
for constant velocity joints

febi no. 02582 (90 g)
e.g. repl. no. G 000 603

febi 02582 PTO drive shaft grease is a high-grade lithium saponified grease with MoS2 as solid lubricant which was developed specifically for highly-stressed homokinetic joints.

- febi 02582 PTO drive shaft grease is suitable for lifetime lubrication of both plunge joints and fixed joints.
- Application range -35°C to +130°C.

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Special grease (white)
for injectors and glow plugs

febi no. 26712 (50 g)
e.g. repl. no. 000 989 42 51

febi 26712 is a special paste to prevent corrosion between injectors and glow plugs and the cylinder head.

- Reliably prevents corrosion between injectors and cylinder head.
- Temperature resistant up to +1400°C specifically for use under the most extreme conditions.
- Recommended for all common rail injectors and glow plugs.
- Resistant to most acids and bases.

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Application

Clean surface and apply a thin film of febi 26712 evenly on the surfaces.
Wipe off excess.
Do not use as lubricant!

Fluid grease

febi no. 03514 (1 litre)
e.g. repl. no. 000 989 08 51

febi 03514 is a high-grade, ageing-resistant liquid grease with distinctive rust protection based on lithium soap, selected base oils and active substances.

- Temperature stable, pressure resilient, wear reducing and water resistant.
- Good adhesion to metal surfaces.
- Can be conveyed well even at low temperatures in central lubrication systems for fluid grease.
- Application range -40°C to +120°C.

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Recommended applications

- MB 264.0

High-temperature multi-purpose EP grease (green)

febi no. 28193 (400 g)
febi no. 28194 (5 kg)
e.g. repl. no. 02.1040.45.00

febi 28193 is a universal HT, EP multi-purpose grease (high temperature, extreme pressure) with a wide temperature range for all areas of application that require a lubricating grease based on lithium complex soap. Mineral base oils in conjunction with high-grade lithium complex soap and special additives give the product its outstanding properties.

- Active EP substances facilitate use in anti-friction and plain bearings, particularly also for heavy-duty truck wheel bearings.
- Perfect for long-term and lifelong lubrication of universal joints, cardan and PTO drive shafts thanks to the excellent corrosion protection.
- Area of application: -30°C to +150°C (to +200°C with continuous relubrication).
- Resistant to ageing.
- Anti-corrosion.
- Reduces wear.
- General plastics compatibility.

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Recommended applications

- Eco-Li 91

screw locking
medium strength (blue)

febi no. 26707 (10 g)
febi no. 26708 (50 g)
e.g. repl. no. 243

febi 26707 is an anaerobic liquid synthetic which hardens on contact with metals in the absence of oxygen. Its short hardening times and high functional reliability make the product ideal for locking and sealing screws, nuts, threaded bolts and studs. This reliably prevents loosening of the connections due to vibrations even under the most extreme ambient conditions.

- Highly resistant to heat, corrosion, vibration, water and oil.
- Easily loosened.
- Usable in the temperature range from -55°C to +150°C.
- Hand-tight after 10-20 minutes.
- Secure after 3 hours.

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screw locking
high strength (green)

febi no. 26709 (10 g)
febi no. 26710 (50 g)
e.g. repl. no. 270

febi 26709 is an anaerobic liquid synthetic which hardens on contact with metals in the absence of oxygen. Its short hardening times and high functional reliability make the product ideal for locking and sealing screws, nuts, threaded bolts and studs. This reliably prevents loosening of the connections due to vibrations even under the most extreme ambient conditions.

- Difficult to remove and resistant to heat, corrosion, vibration, water and oil.
- Usable in the temperature range from -55°C to +150°C.
- Hand-tight after 10-20 minutes.
- Secure after 5 to 10 hours.

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febi no. 46329 (10 litres)

The name of AdBlue® – a brand owned and protected by the German Association of the Automotive Industry
(VDA) – is familiar to many. Behind this name is an aqueous urea solution, made up of 32.5% pure urea and 67.5%demineralised water.
febi bilstein can supply 10-litre containers of the high-quality urea – in the exact mixing ratio according to ISO 22241.

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Recommended applications
· AdBlue®
· AUS32
· DIN 70070
· ISO 22241

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Ferdinand Bilstein GmbH + Co. KG
Wilhelmstraße 47 I 58256 Ennepetal
Tel. +49 2333 911-0
Fax +49 2333 911-444
E-Mail info@febi.com

www.febi.com

bilsteingroup®

febi-Nr. 90451