

# 2012 Automotive Lubricants and Fluids Guide



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 *Supporting Technicians*  
**EVERYWHERE**





**0W-20 Technician Series FS <sup>(1)</sup>**

PERFORMANCE LEVELS:	
API	SM
ILSAC	GF-4
Acura <sup>(5)</sup>	
Chrysler	MS-6395
Dodge	MS-6395
Ford	
Honda <sup>(5)</sup>	
Infiniti	
Jeep	MS-6395
Lexus	
Lincoln	
Mazda	
Mercury	
Mitsubishi (MIVEC engine)	
Nissan	
Scion	
Subaru	
Suzuki	
Toyota	

**0W-30 Technician Series CC-FS <sup>(1)</sup>**

POUR POINT: -51C / -59F	
PERFORMANCE LEVELS:	
API	SM / CF
ACEA	A3 / B4
Audi (Gas)	502 00
Audi (Diesel)	505 00
BMW <sup>(3)</sup>	LL-98 (Longlife 1998)
Chrysler	229.3
Dodge	229.3
Jeep	229.3
Mercedes <sup>(4)</sup>	229.3
Renault	RN 710
Smart	229.3
Volkswagen (Gas)	502 00
Volkswagen (Diesel)	505 00
Volkswagen (Gas)	502 00
Volkswagen (Diesel)	505 00

**0W-40 Technician Series CC-FS <sup>(1)</sup>**

POUR POINT: -46C / -50F	
PERFORMANCE LEVELS:	
API	SM / CF
ACEA	A3 / B4-04
Audi (Gas)	502 00
Audi (Diesel)	505 00
BMW <sup>(3)</sup>	LL-98 (Longlife 1998)
Chrysler	229.3
Dodge	229.3
Jeep	229.3
Mercedes <sup>(4)</sup>	229.3
MINI	LL-98 (Longlife 1998)
Porsche	A40
Renault	RN 710
Volkswagen (Gas)	502 00
Volkswagen (Diesel)	505 00

**5W-20 Technician Series FS <sup>(1)</sup>**

PERFORMANCE LEVELS:	
API	SM
ILSAC	GF-4
Acura <sup>(5)</sup>	
Chevrolet	GM6094A
Chrysler	MS-6395
Dodge	MS-6395
Ford	WSS-M2C153-H
Ford	WSS-M2C925-A
Ford	WSS-M2C930-A
Ford	WSS-M2C945-A
General Motors	GM6094A
Honda <sup>(5)</sup>	
Jaguar	WSS-M2C925-A
Jeep	MS-6395
Land Rover	WSS-M2C925-A
Lexus	
Lincoln	See: Ford
Mazda	
Mercury	See: Ford
Mitsubishi	
Toyota / Scion	

**5W-30 Technician Series D1-FS**

PERFORMANCE LEVELS:	
API	SN
ILSAC	GF-5
Acura (Turbo engine)	HTO-06
Buick	dexos 1 <sup>®</sup>
Cadillac	dexos 1 <sup>®</sup>
Chevrolet	dexos 1 <sup>®</sup>
Chrysler	MS-6395
Daewoo	dexos 1 <sup>®</sup>
Dodge	MS-6395
Ford	WSS-M2C929-A
Ford	WSS-M2C946-A
General Motors	dexos 1 <sup>®</sup>
GMC	dexos 1 <sup>®</sup>
Honda (Turbo engine)	HTO-06
Jeep	MS-6395
Lincoln	See: Ford
Mercury	See: Ford
Pontiac	dexos 1 <sup>®</sup>

dexos 1<sup>®</sup> supersedes:  
GM-LL-A-025, GM4718M, GM6094M

**5W-30 Technician Series LS-FS**

PERFORMANCE LEVELS:	
API	SL / CF
ACEA	A3 / B4 / C3-04
Audi (Gas) <sup>(7)</sup>	502 00
Audi (Diesel) <sup>(7)</sup>	505 01
BMW <sup>(3)</sup>	LL-04 (Longlife 2004)
Chrysler	229.31 / 229.51
Dodge	229.31 / 229.51
Jeep	229.31 / 229.51
Mercedes <sup>(4)</sup>	229.31 / 229.51
MINI	LL-04 (Longlife 2004)
Mitsubishi (BWC engine)	505 01
Smart	229.31 / 229.51
Volkswagen (Gas) <sup>(7)</sup>	502 00
Volkswagen (Diesel) <sup>(7)</sup>	505 01

**5W-30 Technician Series LS-FS (NF)**

PERFORMANCE LEVELS:	
API	SM / CF
ACEA	C3-08
Audi (Gas) <sup>(7)</sup>	502 00
Audi (Diesel) <sup>(7)</sup>	505 01
BMW <sup>(3)</sup>	LL-04 (Longlife 2004)
Chrysler	229.31 / 229.51
Chrysler (Diesel)	MS-11106
Dodge	229.31 / 229.51
Dodge (Diesel)	MS-11106
Jeep	229.31 / 229.51
Jeep (Diesel)	MS-11106
Mercedes <sup>(4)</sup>	229.31 / 229.51
MINI	LL-04 (Longlife 2004)
Mitsubishi (BWC engine)	505 01
Smart	229.31 / 229.51
Volkswagen (Gas) <sup>(7)</sup>	502 00
Volkswagen (Diesel) <sup>(7)</sup>	505 01

**5W-30 Technician Series XLS-FS <sup>(2)</sup>**

PERFORMANCE LEVELS:	
ACEA	C3-10
Audi (Gas) <sup>(7)</sup>	502 00
Audi (Diesel) <sup>(7)</sup>	505 01
Audi (Gas)	504 00
Audi (Diesel) <sup>(6)</sup>	507 00
BMW <sup>(3)</sup>	LL-04 (Longlife 2004)
Chrysler / Dodge	229.31 / 229.51
Chrysler / Dodge (Diesel)	MS-11106
Fiat	9.55535-S2
Jeep	229.31 / 229.51
Jeep (Diesel)	MS-11106
Mercedes <sup>(4)</sup>	229.31 / 229.51
MINI	LL-04 (Longlife 2004)
Mitsubishi (BWC engine)	507 00
Porsche (Cayenne V6 engine)	C30
Smart	229.31 / 229.51
Volkswagen (Gas) <sup>(7)</sup>	502 00
Volkswagen (Diesel) <sup>(7)</sup>	505 01
Volkswagen (Gas)	504 00
Volkswagen (Diesel) <sup>(6)</sup>	507 00

**5W-40 Technician Series LS-FS**

PERFORMANCE LEVELS:	
API	SM / CF
ACEA	A3, B4-07 / C3-10
Audi (Gas)	502 00
Audi (Diesel)	505 00
Audi (Diesel)	505 01
BMW <sup>(3)</sup>	LL-04 (Longlife 2004)
Chrysler / Dodge	229.31 / 229.51
Chrysler / Dodge (Diesel)	MS-11106
Fiat	9.55535-H2
Ford	WSS-M2C917-A
Jeep	229.31 / 229.51
Jeep (Diesel)	MS-11106
Land Rover	API: SH & SJ
Mercedes <sup>(4)</sup>	229.31 / 229.51
MINI	LL-04 (Longlife 2004)
Mitsubishi (BWC engine)	505 01
Porsche	A40
Smart	229.31 / 229.51
Volkswagen (Gas)	502 00
Volkswagen (Diesel)	505 00
Volkswagen (Diesel)	505 01

**5W-50 Technician Series FS**

PERFORMANCE LEVELS:	
API	SM / CF
Audi (Gas & Diesel)	500 00
Audi (Gas & Diesel)	501 01
Audi (Gas up to 2005)	502 00
Audi (Diesel up to 2003)	505 00
BMW <sup>(3)</sup>	LL-98 (Longlife 1998)
Chrysler	229.1
Dodge	229.1
Fiat	9.55535-H2
Jeep	229.1
Land Rover	API: SH & SJ
Land Rover	STC 50527
Mercedes <sup>(4)</sup>	229.1
MINI	LL-98 (Longlife 1998)
Smart	229.1
Volkswagen (Gas & Diesel)	500 00
Volkswagen (Gas & Diesel)	501 01
Volkswagen (Gas up to 2005)	502 00
Volkswagen (Diesel up to 2003)	505 00

**5W-50 BLU solution**

5W-50 is an excellent replacement for high mileage (outside of warranty) European engines originally requiring 5W-40. This 5W-50 delivers the same cold crank efficiency, but increased high temperature durability in older high mileage engines.



**RECOMMENDED USAGE:**

- High mileage engines
- Reducing oil consumption
- Severe driving conditions:
  - Heavy loads
  - High temperatures
  - Modified engines
  - Towing vehicles

**Notes:**

- <sup>(1)</sup> Only use where viscosity is recommended by an automaker
- <sup>(2)</sup> Supports extended drain intervals when defined by automakers listed, consult owner's manual
- <sup>(3)</sup> Excluding BMW M-Series Engines
- <sup>(4)</sup> Excluding Mercedes Benz AMG and SLR Engines
- <sup>(5)</sup> Excluding Acura/Honda HTO-06
- <sup>(6)</sup> Excluding R5 and V10 Diesel Engines
- <sup>(7)</sup> Excluding high mileage engines, use 5W-40 instead

Consult vehicle owner's manual for the correct engine lubricant specification and drain interval period.

**BLU Acronyms**

<b>ATF</b>	Automatic Transmission Fluid	<b>LSD</b>	Limited Slip Differential
<b>CC</b>	Cold Climate	<b>MTF</b>	Manual Transmission Fluid
<b>D1</b>	dexos 1 <sup>®</sup>	<b>MV</b>	Multi-Vehicle
<b>FS</b>	Full Synthetic	<b>TDL</b>	Total Driveline Lubricant
<b>HD</b>	Heavy Duty	<b>XL</b>	X-tended Drain
<b>LS</b>	Low SAPS	<b>XLS</b>	X-tended Drain, Low SAPS



ATF Technician Series MV-FS

POUR POINT: -51C / -59F

RECOMMENDED APPLICATIONS:

Table listing recommended ATF applications for various vehicle brands including JASO, Acura, Aisin Warner, Allison, AM General, Audi, BMW, Buick, Cadillac, Chevrolet, Chrysler, Daewoo, Dodge, Ford, General Motors, Honda, Hyundai, Idemitsu, Infiniti, Jaguar, Jeep, Kia, Land Rover, Lincoln, Mazda, Mercedes, Mitsubishi, Nissan, Oldsmobile, Pontiac, Porsche, Saturn, Shell, Smart, Subaru, Suzuki, Texaco, Toyota, Volkswagen, and Volvo.

Table listing ATF specifications for various vehicle brands including Dodge, Esso, Ford, General Motors, Honda, Hyundai, Idemitsu, Infiniti, Jaguar, Jeep, Kia, Land Rover, Lincoln, Mazda, Mercedes, Mitsubishi, Nissan, Oldsmobile, Pontiac, Porsche, Saturn, Shell, Smart, Subaru, Suzuki, Texaco, Toyota, Volkswagen, and Volvo.

Table listing ATF specifications for various vehicle brands including Jeep, Kia, Land Rover, Lincoln, Mazda, Mercedes, Mitsubishi, Nissan, Oldsmobile, Pontiac, Porsche, Saturn, Shell, Smart, Subaru, Suzuki, Texaco, Toyota, Volkswagen, and Volvo.

Table listing ATF specifications for various vehicle brands including Porsche, Saturn, Shell, Smart, Subaru, Suzuki, Texaco, Toyota, Volkswagen, and Volvo.

Notes:

\* Suitable for use but viscosity requirement not met
Excluding Dual Clutch Transmissions (DCT) and Continuous Variable Transmissions (CVT)



75W-80 Technician Series MTF-FS	
<b>APPLICATION:</b>	
■ Manual Transmissions	
■ Transaxles	
<b>POUR POINT:</b> -45C / -49F	
<b>RECOMMENDED APPLICATIONS:</b>	
<b>API</b>	GL-4
<b>Acura</b>	MTF II
<b>Acura</b>	08798-9031A (MTF III)
<b>Acura</b>	MTF 06
<b>Acura</b>	MTF 7289
<b>Alfa Romeo</b>	API: GL-4
<b>AM General</b>	12799117 (BOT 0063)
<b>AM General</b>	21018899 (BOT 0063)
<b>BMW</b>	2300 1434 404 (MTF-LT1)
<b>BMW</b>	2300 7533 513 (MTF-LT2)
<b>BMW</b>	2300 7533 818 (MTF-LT3)
<b>BMW</b>	83 22 9 408 942 (MTF-LT1)
<b>BMW</b>	83 22 0 309 031 (MTF-LT2)
<b>BMW</b>	83 22 0 409 878 (MTF-LT3)
<b>BMW</b>	83 22 7 533 818 (MTF-LT3)
<b>BMW</b>	83 22 0 403 247 (MTF-94)
<b>BMW</b>	83 22 0 140 516 (MTF-94)
<b>Castrol</b>	BOT 0063
<b>Castrol</b>	BOT 0402
<b>Castrol</b>	BOT 207
<b>Castrol</b>	BOT 338
<b>Castrol</b>	MTF 1067
<b>Castrol</b>	MTF 97309
<b>Chevrolet</b>	1052931 (BOT 338)
<b>Chevrolet</b>	12346190
<b>Chevrolet</b>	12799117 (BOT 0063)
<b>Chevrolet</b>	21018899 (BOT 0063)
<b>Chevrolet</b>	88862472 (GM 9986177)
<b>Chevrolet</b>	88862473 (GM 9986177)
<b>Chevrolet</b>	(GM 9986201)
<b>Esso</b>	Gear Oil 304
<b>Fiat</b>	API: GL-4
<b>Ford</b>	WSD-M2C200-C2
<b>Ford</b>	WSD-M2C200-C3
<b>General Motors</b>	1052931 (BOT 338)
<b>General Motors</b>	12346190
<b>General Motors</b>	12799117 (BOT 0063)
<b>General Motors</b>	21018899 (BOT 0063)
<b>General Motors</b>	88862472 (GM 9986177)
<b>General Motors</b>	88862473 (GM 9986177)
<b>General Motors</b>	(GM 9986201)
<b>Geo</b>	12346190
<b>Honda</b>	MTF
<b>Honda</b>	MTF II
<b>Honda</b>	08798-9031 (MTF III)
<b>Honda</b>	MTF 06
<b>Honda</b>	MTF 7289
<b>Hyundai</b>	Genuine 08950-00020-A
<b>Hyundai</b>	Genuine 08950-00029-A
<b>Hyundai</b>	Genuine 08950-00029-B
<b>Hyundai</b>	HD Gear Oil XLS
<b>Hyundai</b>	MTF2
<b>Hyundai</b>	MTF-LT2 (BOT 338)
<b>Infiniti</b>	32001 1BYoA (BOT 338)
<b>Infiniti</b>	999MP-MTF00P
<b>Infiniti</b>	ETL 8997B
<b>Infiniti</b>	MTF HQ Multi
<b>Infiniti</b>	XT4447 M+

<b>Jaguar</b>	XR8 50056 (BOT 338)
<b>Jaguar</b>	XR8 50057 (BOT 338)
<b>Kia</b>	Genuine 08950-00020-A
<b>Kia</b>	Genuine 08950-00029-A
<b>Kia</b>	Genuine 08950-00029-B
<b>Kia</b>	HD Gear Oil XLS
<b>Kia</b>	MTF-LT2 (BOT 338)
<b>Land Rover</b>	MTF-94
<b>Land Rover</b>	MTF-97309
<b>Land Rover</b>	MTF BOT 338
<b>Land Rover</b>	STC9158 (MTF-94)
<b>Land Rover</b>	TYK500030 (BOT 338)
<b>Land Rover</b>	VYK000020 (MTF-94)
<b>Lexus</b>	API: GL-4
<b>Lexus</b>	08885-81001 (LV)
<b>Lincoln</b>	WSD-M2C200-C2
<b>Lincoln</b>	WSD-M2C200-C3
<b>Mercedes</b>	001 989 26 03 10 (235.10)
<b>Mercury</b>	WSD-M2C200-C2
<b>Mercury</b>	WSD-M2C200-C3
<b>MINI</b>	83 22 0 140 516 (MTF-94)
<b>MINI</b>	83 22 7 533 818 (MTF-LT3)
<b>Mitsubishi</b>	Dia Queen New Multi Gear
<b>Nissan</b>	32001 1BYoA (BOT 338)
<b>Nissan</b>	999MP-MTF00P
<b>Nissan</b>	ETL 8997B
<b>Nissan</b>	MT-XZ Gear Oil (Passenger)
<b>Nissan</b>	MTF HQ Multi
<b>Nissan</b>	XT4447 M+
<b>Pontiac</b>	12799117 (BOT 0063)
<b>Pontiac</b>	21018899 (BOT 0063)
<b>SAAB</b>	12799117 (BOT 0063)
<b>SAAB</b>	21018899 (BOT 0063)
<b>SAAB</b>	MTF 0063 (BOT 0063)
<b>Saturn</b>	12799117 (BOT 0063)
<b>Saturn</b>	21018899 (BOT 0063)
<b>Scion</b>	API: GL-4
<b>Scion</b>	08885-81001 (LV)
<b>Smart</b>	
<b>Subaru</b>	K0321-F0090 (Extra)
<b>Suzuki</b>	API: GL-4
<b>Texaco</b>	ETL 8997B
<b>Texaco</b>	MTF-94
<b>Toyota</b>	API: GL-4
<b>Toyota</b>	08885-81001 (LV)
<b>Volkswagen</b>	G-052-171-A2
<b>Volkswagen</b>	G-052-176-A2
<b>Volkswagen</b>	G-052-178-A2
<b>Volkswagen</b>	G-052-512-A2
<b>Volkswagen</b>	G-052-726-A2
<b>Volkswagen</b>	G-052-798-A2
<b>Volkswagen</b>	G-052-911-A2
<b>Volkswagen</b>	G-055-726-A2
<b>Volkswagen</b>	G-060-726-A2
<b>Volkswagen</b>	G-070-726-A2
<b>Volkswagen</b>	N 05279800 (BOT 338)
<b>Volvo</b>	116 (WSD-M2C200-C2)
<b>Volvo</b>	1161745 (WSD-M2C200-C3)
<b>Volvo</b>	MTF 97309
<b>Volvo</b>	Volvo 97309

75W-90 Technician Series MTF-FS	
<b>APPLICATION:</b>	
■ Manual Transmissions	
■ Transaxles	
<b>POUR POINT:</b> -42C / -44F	
<b>RECOMMENDED APPLICATIONS:</b>	
<b>API</b>	GL-4
<b>AM General</b>	89021806
<b>AM General</b>	89021807
<b>Audi</b>	API: GL-4
<b>Buick</b>	See: General Motors
<b>Cadillac</b>	See: General Motors
<b>Castrol</b>	BOT 130 M
<b>Castrol</b>	BOT 328
<b>Chevrolet</b>	10953465 (GM 9985648)
<b>Chevrolet</b>	12345349 (GM 9985648)
<b>Chevrolet</b>	12345577 (GM 9985648)
<b>Chevrolet</b>	10953477
<b>Chevrolet</b>	12346190
<b>Chevrolet</b>	89021806
<b>Chevrolet</b>	89021807
<b>Chrysler</b>	4874459 (MS-9070)
<b>Chrysler</b>	4874464 (MS-9224)
<b>Chrysler</b>	4897622 (MS-9684)
<b>Daewoo</b>	API: GL-4
<b>Dodge</b>	4874459 (MS-9070)
<b>Dodge</b>	4874464 (MS-9224)
<b>Dodge</b>	4897622 (MS-9684)
<b>Ford</b>	ESD-M2C175-A
<b>Ford</b>	ESD-M2C186-A
<b>Ford</b>	WSD-M2C200-B
<b>Ford</b>	XT-M5-QS (WSD-M2C200-C)
<b>Ford</b>	XT-4-QGL (WSS-M2C203-A1)
<b>General Motors</b>	10953465 (GM 9985648)
<b>General Motors</b>	12345349 (GM 9985648)
<b>General Motors</b>	12345577 (GM 9985648)
<b>General Motors</b>	10953477
<b>General Motors</b>	12346190
<b>General Motors</b>	89021806
<b>General Motors</b>	89021807
<b>General Motors</b>	19 40 182 (93 165 290)
<b>Geo</b>	12345349 (GM 9985648)
<b>Geo</b>	12346190
<b>Hyundai</b>	Genuine 08950-00010-A
<b>Hyundai</b>	Genuine 08950-00020-A
<b>Hyundai</b>	HD Gear Oil XLS
<b>Hyundai</b>	MTF
<b>Infiniti</b>	MT-XZ (Sport)
<b>Infiniti</b>	MTF HQ Multi
<b>Infiniti</b>	999MP-MTF00P
<b>Isuzu</b>	12345349 (GM 9985648)
<b>Isuzu</b>	89021806
<b>Isuzu</b>	89021807
<b>Jaguar</b>	C2S 19889 (BOT 130 M)
<b>Jaguar</b>	WSD-M2C200-C (BOT 130 M)
<b>Jeep</b>	4874459 (MS-9070)
<b>Jeep</b>	4874464 (MS-9224)
<b>Jeep</b>	4897622 (MS-9684)
<b>Kia</b>	API: GL-4
<b>Kia</b>	Genuine 08950-00010-A
<b>Kia</b>	Genuine 08950-00020-A
<b>Kia</b>	HD Gear Oil XLS
<b>Land Rover</b>	LR006519 (BOT 130 M)
<b>Land Rover</b>	WSD-M2C200-C (BOT 130 M)

<b>Lexus</b>	API: GL-4
<b>Lexus</b>	08885-81001 (LV 75W MT)
<b>Lexus</b>	08885-81026 (MT Gear Oil)
<b>Lincoln</b>	WSD-M2C200-B
<b>Lincoln</b>	XT-M5-QS (WSD-M2C200-C)
<b>Lincoln</b>	XT-4-QGL (WSS-M2C203-A1)
<b>Mazda</b>	WSD-M2C200-B
<b>Mazda</b>	WSD-M2C200-C (BOT 130 M)
<b>Mazda</b>	WSS-M2C203-A1
<b>Mazda</b>	MES 115-A
<b>Mercedes</b>	011 989 26 03 10 (235.10)
<b>Mercury</b>	WSD-M2C200-B
<b>Mercury</b>	XT-M5-QS (WSD-M2C200-C)
<b>Mercury</b>	XT-4-QGL (WSS-M2C203-A1)
<b>Mitsubishi</b>	BOT 328
<b>Mitsubishi</b>	Diamond Gear Lube
<b>Mitsubishi</b>	Dia Queen Clean Multi
<b>Mitsubishi</b>	Dia Queen Multi Gear
<b>Mitsubishi</b>	Dia Queen Super Multi Gear
<b>Nissan</b>	MT-XZ (Sport)
<b>Nissan</b>	MTF HQ Multi
<b>Nissan</b>	999MP-MTF00P
<b>Pontiac</b>	See: General Motors
<b>Porsche</b>	N 052 911 CO
<b>SAAB</b>	API: GL-4
<b>SAAB</b>	MTF 0063 (BOT 0063)
<b>Saturn</b>	89021806
<b>Saturn</b>	89021807
<b>Scion</b>	API: GL-4
<b>Smart</b>	235.72 (451 & 454)
<b>Subaru</b>	Extra-S
<b>Suzuki</b>	API: GL-4
<b>Subaru</b>	K0321-AA093 (Extra-S)
<b>Toyota</b>	API: GL-4
<b>Toyota</b>	08885-81001 (LV 75W MT)
<b>Toyota</b>	08885-81026 (MT Gear Oil)
<b>Volkswagen</b>	G-005-000 (G50)
<b>Volkswagen</b>	G-005-100 (G51)
<b>Volkswagen</b>	G-052-171-A2
<b>Volkswagen</b>	G-052-176-A2
<b>Volkswagen</b>	G-052-178-A2
<b>Volkswagen</b>	G-052-512-A2
<b>Volkswagen</b>	G-052-726-A2
<b>Volkswagen</b>	G-052-911-A2
<b>Volkswagen</b>	G-055-726-A2
<b>Volkswagen</b>	G-060-726-A2
<b>Volkswagen</b>	G-070-726-A2
<b>Volvo</b>	1161723 (WSD-M2C200-C)
<b>Volvo</b>	1161724 (WSD-M2C200-C)
<b>Volvo</b>	BOT 130 (BOT 130 M)

MTF – Synchronizer Performance

One of the key requirements of a manual transmission fluid (MTF) is to maintain proper synchronizer compatibility and shift quality for the life of the fluid. BLU Synthetic 75W-80 & 75W-90 Technician Series MTF-FS has proven to perform exceptionally well within a variety of synchronizer systems, including brass synchronizers, when compared with engine oils or API GL-4 fluids.

Here BLU Synthetic 75W-80 & 75W-90 Technician Series MTF-FS passes synchronizer testing with excellent friction and low wear rates on synchronizer parts, where some engine oils and API GL-4 fluids caused significant wear of synchronizer parts. This wear causes poor shift quality, which can ultimately result in transmission failure.

BLU Synthetic 75W-80 & 75W-90 Technician Series MTF-FS is formulated using synthetic base stocks that provide consistent viscosity in both hot and cold temperatures as well as the correct coefficient of friction necessary for smooth synchronizer engagement, helping eliminate harsh shifts.

BLU Technical Videos



For more information please see our technical video at [www.BLUsynthetic.com](http://www.BLUsynthetic.com)

Notes:

Excluding manual transmissions and transaxles requiring an API: GL-5 fluid

Excluding heavy-duty or commercial applications





### 75W-90 Technician Series TDL-FS

**APPLICATION:\***

- Axles
- Differentials
- Manual Transmissions (Synchronized)
- Manual Transmissions (Non-Synchronized)

\*Excluding API: GL-4 Applications

**POUR POINT:** -57C / -70F

**RECOMMENDED APPLICATIONS:**

API	GL-5
API	MT-1
Military	MIL-L-2105D
Military	MIL-PRF-2105E
SAE	J2360
AM General	See: General Motors
Audi	G-052-145-A1 (TL52145-X)
Audi	G-052-145-A2 (TL52145-X)
Audi	G-052-145-S2 (TL52145-Y)
BMW	83 22 9 401 720 (OSP)
BMW	83 22 9 407 768 (OSP)
BMW	83 22 9 407 808 (OSP)
BMW	83 22 9 407 809 (OSP)
BMW	33 11 7 695 240 (OSP)
BMW	OSP (SAF-XO)
Buick	See: General Motors
Cadillac	See: General Motors
Castrol	SAF-AG4
Castrol	SAF-PD
Castrol	SAF-XO
Chevrolet	See: General Motors
Chrysler	04874466 (MS-8987)
Chrysler	04874468 (MS-9020)
Chrysler	05010320AA (MS-9763)
Chrysler	050102232AA
Dodge	04874466 (MS-8987)
Dodge	04874468 (MS-9020)
Dodge	05010320AA (MS-9763)
Dodge	050102232AA
Dodge (Sprinter)	05136033AA (235.0)
Dodge (Sprinter)	001 989 28 03 10 (235.0)
Ford	XT-79W90-QGT (API: GL-5)
Ford	(WSL-M2C191-A)
Ford	XY-80W90-QL (WSP-M2C197-A)
Ford	XY-75W90-TQL (WSP-M2C201-A)
General Motors	12345977 (GM 9985182)
General Motors	10953482 (GM 9985182)
General Motors	1052271 (GM 9985290)
General Motors	1052272 (GM 9985290)
General Motors	10950849 (GM 9985290)
General Motors	89021669
General Motors	89021670
General Motors	89021671 (GM 9985290)
General Motors	89021672 (GM 9985290)
General Motors	89021675
General Motors	10953455 (GM 9986115)
General Motors	12378261 (GM 9986115)
General Motors	89021677 (GM 9986115)
General Motors	89021678 (GM 9986115)
General Motors	(GM 9986207)
Honda	Hypoid Gear Oil (HGO III)
Hyundai	API: GL-5
Hyundai	00232-19037
Hyundai	00232-19038
Hyundai	Gear Oil Multi
Infiniti	API: GL-5
Infiniti	999MP-DF200P
Infiniti	Diff Oil Hypoid Super
Isuzu	See: General Motors
Jaguar	API: GL-5
Jaguar	CD2 3653 (SAF-XO)
Jeep	04874466 (MS-8987)
Jeep	04874468 (MS-9020)
Jeep	05010320AA (MS-9763)
Jeep	050102232AA
Kia	API: GL-5
Kia	Gear Oil Multi
Land Rover	LR003156
Land Rover	LRN32978 (Texaco Multi-Gear)
Land Rover	LRN7590 (Texaco S5)
Land Rover	LRN7591 (SAF-XO)
Land Rover	TYK500010 (SAF-XO)
Lexus	See: Toyota

Lincoln	See: Ford
Mazda	API: GL-5
Mercedes Benz	001 989 28 03 10 (235.0)
Mercedes Benz	(235.6)
Mercedes Benz	001 989 27 03 10 (235.8)
Mercury	See: Ford
Mitsubishi	API: GL-5
Mitsubishi	Dia Queen Clean Super Hi
Mitsubishi	Dia Queen Hypoid
Mitsubishi	Dia Queen Super Hypoid
Nissan	API: GL-5
Nissan	999MP-DF200P
Nissan	Diff Oil Hypoid Super
Pontiac	See: General Motors
Porsche	API: GL-5
Porsche	000 043 205 30 (SAF-AG4)
Porsche	999 917 545 00 (SAF-AG4)
Saab	10953455 (GM 9986115)
Saab	12378261 (GM 9986115)
Saab	89021677 (GM 9986115)
Saab	89021678 (GM 9986115)
Saturn	See: General Motors
Subaru	API: GL-5
Subaru	K0324-AA093
Suzuki	10953455 (GM 9986115)
Suzuki	12378261 (GM 9986115)
Suzuki	89021677 (GM 9986115)
Suzuki	89021678 (GM 9986115)
Toyota	API: GL-5
Toyota	08885-00503 (Hypoid Gear Oil SX)
Toyota	08885-02106 (Gear Oil Super FF)
Toyota	08885-02506 (Differential Gear Oil LT)
Toyota	08885-81060 (Differential Gear Oil LT)
Toyota	08885-80306 (Differential Front)
Toyota	08885-80606 (Gear Oil)
Toyota	08885-80616 (Gear Oil)
Toyota	08885-81016 (Gear Oil)
Toyota	08885-00305 (Hypoid Gear Oil W)
Toyota	08885-00805 (Hypoid Gear Oil W)
Volkswagen	G-052-145-A1 (TL52145-X)
Volkswagen	G-052-145-A2 (TL52145-X)
Volkswagen	G-052-145-S2 (TL52145-Y)
Volvo	1161620 (Rear Axle Oil)
Volvo	31259380 (AWD)

### 75W-140 Technician Series HD-FS

**APPLICATION:**

- Axles
- Differentials
- Manual Transmission

**POUR POINT:** -46C / -50F

**RECOMMENDED APPLICATIONS:**

API	GL-5
API	MT-1
Military	MIL-L-2105C
Military	MIL-L-2105D
Military	MIL-PRF-2105E
SAE	J2360
AM General	See: General Motors
Cadillac	See: General Motors
Chevrolet	See: General Motors
Chrysler	04874469 (MS-8985)
Chrysler	82200945 (Mopar)
Dodge	04874469 (MS-8985)
Dodge	82200945 (Mopar)
Ford	XY-75W140-QL (WSP-M2C192-A)
General Motors	12346140 (GM 9985991)
General Motors	89021524
Hyundai	Gear Oil Power
Infiniti	999MP-DF100P
Jaguar	JLM20771 (WSL-M2C192-A)
Jeep	04874469 (MS-8985)
Jeep	82200945 (Mopar)
Lexus	00289-75140 (Synthetic Hypoid)
Lincoln	XY-75W140-QL (WSP-M2C192-A)
Mazda	API: GL-5
Mercury	XY-75W140-QL (WSP-M2C192-A)
Mitsubishi	API: GL-5
Nissan	999MP-DF100P
Pontiac	89021809
Suzuki	See: General Motors
Toyota	00289-75140 (Synthetic Hypoid)
ZF	TE-ML 07A

### Gear Lubricants with LSD Additive

#### 75W-90 Technician Series LSD-FS

**APPLICATION:**

- Axles
- Differentials
- Limited Slip Differentials (Clutch Type)

Contains: Friction Modifier Additive for LSD

**POUR POINT:** -51C / -59F

**RECOMMENDED APPLICATIONS:**

API	GL-5
API	MT-1
Military	MIL-L-2105D
Military	MIL-PRF-2105E
SAE	J2360
AM General	See: General Motors
Buick	See: General Motors
Cadillac	See: General Motors
Chevrolet	See: General Motors
Chrysler	04874466 (MS-8987)
Chrysler	04874468 (MS-9020)
Chrysler	05010320AA (MS-9763)
Chrysler	68044567AA (MS-8985)
Dodge	04874466 (MS-8987)
Dodge	04874468 (MS-9020)
Dodge	05010320AA (MS-9763)
Dodge	68044567AA (MS-8985)
Ford	(ESP-M2C154-A)
Ford	XY-90-GL (DANA Model 50)
Ford	XY-90-GL (DANA Model 60)
Ford	XY-75W90-QLS (DANA Model 70)
Ford	XY-75W90-QLS (DANA Model 80)
Ford	XY-75W90-QLS (DANA ES-PM-M2013)
Ford	XY-80W90-QL (WSP-M2C197-A)
Ford	XY-75W90-TQL (WSP-M2C201-A)
General Motors	1052271 (GM 9985290)
General Motors	1052272 (GM 9985290)
General Motors	10953455 (GM 9986115)
General Motors	12378261 (GM 9986115)
General Motors	12378557 (GM 9986207)
General Motors	88901362 (GM 9986207)
General Motors	89021677 (GM 9986226)
General Motors	89021678 (GM 9986226)
Hyundai	LSD Oil
Infiniti	Diff Oil Hypoid LSD
Isuzu	API: GL-5
Jeep	04874466 (MS-8987)
Jeep	04874468 (MS-9020)
Jeep	05010320AA (MS-9763)
Jeep	68044567AA (MS-8985)
Kia	API: GL-5
Lexus	See: Toyota
Lincoln	See: Ford
Mack	GO-J
Mazda	XY-80W90-QL (WSP-M2C197-A)
Mazda	XY-75W90-TQL (WSP-M2C201-A)
Mercedes Benz	001 989 17 03 10 (235.7)
Mercedes Benz	001 989 33 03 10 (235.7)
Mercury	See: Ford
Mitsubishi	3775610 (Dia Queen LSD)
Mitsubishi	8149630EX (Dia Queen LSD)
Nissan	Diff Oil Hypoid LSD
Pontiac	See: General Motors
Saab	10953455 (GM 9986115)
Saab	12378261 (GM 9986115)
Saab	89021677 (GM 9986226)
Saab	89021678 (GM 9986226)
Saturn	See: General Motors
Subaru	K0305-Y0900 (LSD Oil 90 LS)
Subaru	K0324-AA093 (Extra LSD)
Subaru	K0904-AA080
Subaru	LSD Oil 90LS
Suzuki	FFX8009 (336100-0000)
Toyota	API: GL-5
Toyota	08885-00303 (Hypoid Gear Oil LSD)
Toyota	08885-81006 (LSD Gear Oil)
Toyota	08885-02606 (Differential Gear Oil LX)
Toyota	A0420-A0000 (TRD LSD Oil FF)
Volvo	1161619 (Rear Axle Oil LSD)

#### 75W-140 Technician Series LSD-FS

**APPLICATION:**

- Axles
- Differentials
- Limited Slip Differentials (Clutch Type)

Contains: Friction Modifier Additive for LSD

**POUR POINT:** -51C / -59F

**RECOMMENDED APPLICATIONS:**

API	GL-5
API	MT-1
Military	MIL-L-2105D
Military	MIL-PRF-2105E
SAE	J2360
BMW	83 22 1 470 080 (MSP/A)
BMW	83 22 2 282 583 (MSP/A)
BMW	83 22 9 405 462 (MSP/A)
BMW	83 22 9 407 870 (MSP/A)
BMW	83 22 9 407 871 (MSP/A)
BMW	BMW LS (SAF-XJ)
BMW	MSP/A (SAF-XJ)
BMW	MSP/A (SAF-XLS)
Cadillac	See: General Motors
Castrol	SAF-X
Castrol	SAF-XA
Castrol	SAF-XJ
Castrol	SAF-XLS
Chevrolet	See: General Motors
Chrysler	04874469 (MS-8985)
Dodge	04874469 (MS-8985)
Ford	EDW-M2C104
Ford	ESW-M2C19-A
Ford	WSS-M2C940-A
Ford	XY-75W140-QL (WSL-M2C192-A)
General Motors	12346140 (GM 9985991)
General Motors	89021524
General Motors	89021809
Jaguar	JLM20771 (WSL-M2C192-A)
Jeep	04874469 (MS-8985)
Land Rover	LRN006519 (WSL-M2C192-A)
Lincoln	See: Ford
Mercedes Benz	001 989 52 03 (235.61)
Mercedes Benz	235.61 (SAF-XJ)
Mercury	See: Ford
Nissan	
Pontiac	89021809
Suzuki	See: General Motors
Toyota	API: GL-5
Toyota	A0420-A0001 (TRD LSD Oil FR)

### BLU Technical Videos



For more information please see our technical video at [www.BLUSynthetic.com](http://www.BLUSynthetic.com)

**Notes:**

**Gear Lubricants**

Gear lubricants contain **no** Limited Slip Differential (LSD) additive, add if necessary, or see BLU Synthetic Gear Lubricants with LSD additive.

Do not use in manual transmission or transaxles requiring API: GL-4 lubricant.

**Gear Lubricants with LSD Additive**

Designed for clutch type Limited Slip Differentials. However, there may be instances when axle chatter occurs. If so, it is acceptable to add additional limited slip additive if necessary.

Do not use in manual transmission or transaxle applications.

## BLU Bottle



**Some call it Bling.  
Others call it The Top-Up Solution.  
But we see the BLU Bottle as an Industry Game Changer.**

Environmental responsibility is a core value, and one goal is to reduce or eliminate plastic oil bottles. Ta da! the 1-Liter reusable aluminum BLU Bottle. Now your customers can easily carry top-up lubricants or fluids – and return to *you* for refills.

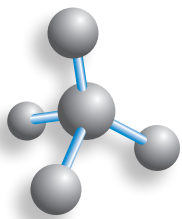
The BLU Bottle is cool in so many ways:

- It is 99.5% pure 1050B aluminum.
- It is extruded from a single piece of metal, making it seamless.
- It is recyclable, reusable, nontoxic and tough.
- The wide neck design makes for easy pouring and refilling.
- The black polypropylene screw cap includes a tamper-evident tear-off locking flange and an inner aluminum foil liner.
- Inside the cap is a low-density polyethylene plug with a pull-off ring. No leaks!
- The BLU Bottle is U.N. approved as single packaging.
- All your friends will want one.

What will the BLU Bottle do for your service business? Contact your local authorized BLU Synthetic marketer/distributor to get your hands on one today!

## BLU-Ester technology

*Located in BLU Synthetic Gear Lubricants*



**BLU-Ester technology** represents unique synthetic lubricant and fluid formulations containing Ester base stock, which deliver outstanding performance in some of the most severe operating conditions. Esters are synthesized from relatively pure and simple starting materials to produce predetermined molecular structures designed specifically for high performance lubrication. In addition, the inherent polarity of esters improves their performance in lubrication by reducing volatility, increasing lubricity, providing cleaner operation, and making lubricants and fluids more biodegradable.

These unique synthetic formulations offer a wide variety of benefits that both increase efficiency but also contain wear under the most severe operating conditions. In almost all areas of lubrication and performance, lubricants and fluids containing Ester based stock will outperform all other lubricant types.

## BLU Website

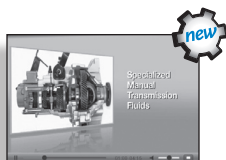
[www.BLUsynthetic.com](http://www.BLUsynthetic.com)



The BLU Synthetic brand of lubricants & fluids is now supported by the launch of our new website. The website features complete and up to date product information, technical data and unique subscriptions to key information required to be successful in a complex and changing service industry.

## BLU Technical Videos

[www.BLUsynthetic.com/technical-videos](http://www.BLUsynthetic.com/technical-videos)



Within the BLU Synthetic website you will find a variety of BLU Technical Videos covering various lubricant and fluid technologies. These technical videos are created with the objective to inform you more about the engineering of finished lubricant and fluid technology as well as the features and benefits they provide end users. Watching these videos is the easiest way to become familiar with the most important functions of lubricant and fluid technology. We hope you enjoy what you see and ask that you check back in the future for new additions to this list of technical videos.

## BLU Canada Limited

*Quality and Performance  
Guaranteed*

### Lubricants & Fluids Limited Warranty

Each **BLU Synthetic Technician Series** branded lubricant or fluid; is formulated, to meet or exceed Original Equipment Manufacturers' (OEMs') performance specifications, as identified within the BLU Synthetic Product Application Guide. When selecting a BLU Synthetic Technician Series branded lubricant or fluid to match your OEM's required specification, BLU Canada Limited guarantees its performance so long as the lubricant or fluid; is used, in accordance with the OEM's usage recommendations and service/ installation procedures.

BLU Canada Limited assumes full responsibility for any component failure directly attributed to a correctly selected BLU Synthetic Technician Series branded lubricant. So long as the OEM's usage recommendations and service/installation procedures for the lubricant or fluid and component have been followed and documented in full.

The BLU Canada Limited Lubricants & Fluid Warranty is confirmation of BLU Canada Limited's commitment to high standards of product quality and customer satisfaction.

This limited warranty applies to only "BLU Synthetic Technicians Series" branded lubricants and fluids, all other products produced and marketed under the BLU Synthetic brand do not qualify under this limited warranty. For complete warranty details, please contact your local BLU Synthetic representative.

*The Professional Choice!*

**Dispenser Specifications**

**New School**



- Store lubricants & fluids safely
- Identify lubricants & fluids clearly
- Dispense lubricants & fluids quickly

**Old School**



- Messy dirty containers that clutter
- Stained and hard to read labels
- Leaky, rusty and worn-out



**Drums – 10 Liter**

Drums are made from high-density polyethylene (HDPE) with UV and static inhibitor, and are designed to withstand the daily rigors of severe industrial environments. Each drum includes two blank white labels for identifying drum contents.



**Pour Lids**

Pour Lids are made from high-density polyethylene with nitrile o-rings. Pour Lids include a 1" (25.4 mm) twist-open nozzle, 1" (25.4 mm) quick-fill port, accessory port with 1/2" (12.7 mm) NPT female thread, light-switch style breather vent at thumb position and clear plastic handle covers that hold color-coding tags for easy product identification.



**Hand Pump Lids**

Hand Pump/Storage Lids include 1" (25.4 mm) quick-fill port and two accessory ports (one 1/2" (12.7 mm) NPT female thread and one 3/8" (10 mm) NPT female thread).



**Hand Pumps**

Piston-style hand pump includes a 4.8 feet (1.5 meter) hose and an L-shaped aluminum anti-drip end-piece with a 1/16" (11 mm) outside diameter and 3/16" (8 mm) inside diameter. Pump discharge rate is approximately 13-strokes per liter. The Hand Pump dispenser is ideal for dispensing fluids into hard-to-reach or awkward fill ports.



**Adhesive Pouches**

Clear, adhesive-backed, zip-top pouch designed for use with drums and are ideal for holding identification tags and important documentation such as Material Safety Data Sheets (MSDS).

**Features & Benefits**

**Prevent Spills**

Not only are these dispensers made of rugged high-density polyethylene (HDPE) they also seal completely. These two features result in an industrial strength dispenser that is perfectly suited for keeping lubricants or fluids securely contained. From a safety perspective, this is the most important reason to use these industrial grade dispensers.

**Prevent Fluid Contamination**

Because these dispensers seal completely they are ideal for keeping dust, dirt, sand, water, and other component-damaging contaminants from mixing with lubricants or fluids. For this reason alone, anyone with a desire to prolong components life should strongly consider using these industrial grade dispensers.

**Promote a Cleaner, More Organized Workplace**

These dispensers are not just ideal for keeping fluids clean but they are also perfect for maintaining a clean, well-organized workplace. Replacing rusty, open top containers with these well-labeled dispensing containers will have an immediate impact on the overall look and feel of the workplace. Not only will employees appreciate a cleaner environment, but customers will too.



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Calgary, Alberta, Canada

**BLU America Limited**  
Houston, Texas, USA



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