

# KLONDIKE DEXRON®-VI / MERCON® LV Full Synthetic ATF



## PRODUCT DESCRIPTION

KLONDIKE DEXRON®-VI / MERCON® LV Full Synthetic Automatic Transmission Fluid is a high performance fluid formulated specifically to meet and exceed GM DEXRON®-VI and Ford MERCON® LV specifications. Specially blended using premium synthetic base oils and state-of-the-art additive technology ensures peak performance and maximum fuel economy while meeting the frictional and wear requirements of these advanced automatic transmission fluid specifications.

## APPLICATIONS

KLONDIKE DEXRON®-VI / MERCON® LV Full Synthetic Automatic Transmission Fluid is a highly advanced, premium low viscosity automatic transmission fluid designed for use in vehicles manufactured by General Motors and Ford where DEXRON®-VI and/or MERCON® LV fluids are specified. Such fluid technology achieves the performance and fuel economy targets designed by the vehicle manufacturer. This fluid technology is designed to replace and supersede previous generation specifications from GM and Ford such as DEXRON III and MERCON/ MERCON V.

General Motors officially states that DEXRON®-VI approved fluids are backwards compatible with and should replace all previous generation DEXRON fluids in service.

Ford Motor Company has issued a chart showing where MERCON® LV fluids apply and where they supersede previous generation MERCON fluids. See chart in the specifications section.

Other manufacturers may reference these specifications for use in vehicles they manufacture. Always use transmission fluid meeting the specifications recommended by the manufacturer.

Typical applications include:

- Passenger cars and light trucks
- Medium and heavy duty trucks in on- and off-highway applications
- Buses, coaches, emergency vehicles
- Power steering units and hydraulic systems where ATF is recommended



## FEATURES AND BENEFITS

KLONDIKE DEXRON®-VI / MERCON® LV Full Synthetic Automatic Transmission Fluid is formulated with premium full synthetic base stocks and technologically advanced additives. This proprietary formulation ensures outstanding resistance to oxidation, thermal stability, frictional control, load-carrying ability, as well as corrosion and wear protection. High performance chemistry offers premium anti-shudder durability, shift quality, anti-wear protection, outstanding low and high temperature operation characteristics, and high resistance to viscosity shear loss; all performance demands designed into the DEXRON®-VI and MERCON® LV specifications. Oxidation resistant additives minimize the formation of deposits, sludge, varnish, and foam and demonstrate outstanding fluid life and component durability. Advanced friction modifiers combined with an optimized, low viscosity formulation have been proven to show improvements in fuel economy as compared to transmission fluid technology from previous generations.

KLONDIKE DEXRON®-VI / MERCON® LV Full Synthetic Automatic Transmission Fluid offers value through the following benefits:

- **Full synthetic** – premium synthetic base oils and advanced additive technology improves fuel economy and operating efficiency.
- **Advanced additive chemistry** – smooth, consistent shift performance.
- **Anti-wear protection** – eliminates premature wear (especially at start-up) and maintains its properties at high temperatures under extreme loads or in severe operating conditions.
- **All climate application** – highly stable even at extreme high and low temperatures for year-round protection and performance.
- **Extended service life** – retains frictional performance properties and optimum viscosity for long fluid life.
- **Compatibility** – ideal for top-up or complete replacement for OEM fluids.



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## SPECIFICATIONS AND APPROVALS

KLONDIKE DEXRON®-VI / MERCON® LV Full Synthetic Automatic Transmission Fluid is an OEM approved fluid registered with General Motors for DEXRON®-VI and Ford Motor Company for MERCON® LV. Approved fluids are recommended for use in warranty repair and as service replacement fluids where specified by the manufacturer in appropriate vehicles.

General Motors DEXRON®-VI fluid is currently the top specification for transmission fluids in GM vehicles. This specification is fully backwards compatible and replaces all previous generation DEXRON fluids.

Ford Motor Company has issued a chart showing where MERCON® LV fluids apply and where they supersede previous generation MERCON fluids in transmission and transaxle applications.

Due to fluid recommendation changes approved by Ford Motor Company, some older owner guides, workshop manuals and fluid level indicators may not show the same fluid as the chart below. For those applications, service with the fluid shown in the chart below. This chart can also be found at the following link <https://www.fcsdchemicalsandlubricants.com/main/quickref/atf.pdf>

### TRANSMISSIONS

TYPE	E400	4R100	SR110 TORO SHIFT (See Note 1)	4R70W/4R70E	4R75W/E	4R44E	5R55E	5R44E	5R55 N/W/S	6HP26	6R60/6R75	6R80	6R140 TORO SHIFT 6	6R100	10R80
1998	V														
1999															
2000															
2001															
2002		V													
2003				V											
2004															
2005															
2006															
2007															
2008															
2009															
2010			LV												
2011															
2012															
2013															
2014															
2015															
2016															
2017															
TYPE	E400	4R100	SR110 TORO SHIFT (See Note 1)	4R70W/4R70E	4R75W/E	4R44E	5R55E	5R44E	5R55 N/W/S	6HP26	6R60/6R75	6R80	6R140 TORO SHIFT 6	6R100	10R80

### TRANSAXLES

TYPE	F4E (4EAT)	4F20E	CD4E	4F27E (See Note 1)	AX4S (AXODE)	4F50N (AX4N)	CVT	6 SPEED AUTO AWF-ZI	AW ECVT	FNR5	6F50N/55N	6F35N	DP56	HF35 Hybrid	6F15	TYPE	MODEL YEAR
1998																	1998
1999																	1999
2000																	2000
2001																	2001
2002																	2002
2003																	2003
2004																	2004
2005																	2005
2006																	2006
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2016																	2016
2017																	2017
TYPE	F4E (4EAT)	4F20E	CD4E	4F27E (See Note 1)	AX4S (AXODE)	4F50N (AX4N)	CVT	6 SPEED AUTO AWF-ZI	AW ECVT	FNR5	6F50N/55N	6F35N	DP56	HF35 Hybrid	6F15	TYPE	MODEL YEAR

The use of KLONDIKE DEXRON®-VI / MERCON® LV Full Synthetic Automatic Transmission Fluid is not strictly limited to GM and Ford vehicles. Other transmission fluid applications met with this advanced technology include (but not limited to) low viscosity fluid specifications listed by:

- Aisin Warner
- Allison
- Audi
- BMW
- Chrysler
- Fiat
- Honda/Acura
- Isuzu
- Jaguar
- JASO
- MAN
- Mazda
- Mercedes Benz
- Mitsubishi
- Nissan/Infiniti
- Porsche
- Peugeot
- Saab
- Saturn
- Subaru
- Suzuki
- Toyota/Lexus/Scion
- Voith
- Volvo
- Volkswagen
- ZF

Always follow equipment manufacturer's recommendations for correct fluid type.



# KLONDIKE DEXRON®-VI / MERCON® LV Full Synthetic ATF

## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	DEXRON®-VI / MERCON® LV FULL SYNTHETIC ATF
Gravity; °API	ASTM D4052	35.6
Specific Gravity @ 15.6°C	ASTM D4052	0.846
Viscosity @ 40°C (cSt)	ASTM D445	28.6
Viscosity @ 100°C (cSt)	ASTM D445	5.9
Viscosity Index	ASTM D2270	157
Flash Point °C	ASTM D92	230
Pour Point °C	ASTM D5950	-51
Brookfield Vis @ -40, cP	ASTM D2983	10,000

All stated physical properties are typical of standard production and may vary.

### HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other KLONDIKE product, please visit [www.klondikelubricants.com](http://www.klondikelubricants.com) or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

### DISCLAIMER

Always follow OEM recommendations for fluid viscosity and API service category. KLONDIKE takes no responsibility for product misuse or misapplication.

### PRODUCT NUMBERS

DEXRON® VI / MERCON® LV ATF FULL SYNTHETIC	Bottle: 946 mL	KL-TF2840
	Drum: 208 L / 55 GAL	KL-TF2890
	Bulk	KL-TF2899

### BRAVING THE FORCE OF MOVEMENT

KLONDIKE stands for robust, reliable, high quality products tailored to suit the requirements of the on- and off-road heavy duty, automotive and industrial markets. Our solutions span from trend-setting retail lubricants through small-batch custom formulations to large bulk orders ready for immediate delivery.

The extensive KLONDIKE product range includes premium oils, lubricants, greases, chemicals and specialty fluids formulated with virgin base oils and protective inhibitors. Designed to handle the most extreme climates and operating conditions, the KLONDIKE products protect and extend the life of your equipment, optimize performance and improve productivity while meeting and exceeding industry standards and specifications.

#### KLONDIKE Lubricants Corporation

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