

## EVO GEAR TDL 75W—90



### DESCRIPTION

EVO GEAR TDL is a fully synthetic, multipurpose automotive gear lubricant. It is formulated with special high performance thermally stable additives that ensure excellent low temperature fluidity while the improved viscosity-temperature characteristics provide dependable lubrication at high temperatures. It provides relatively high viscosity and load carrying characteristics, necessary for heavy duty drive axles and transfer cases.

### APPLICATIONS

EVO GEAR TDL is recommended for manual transmissions (if the manufacturer recommends this oil quality), transfer cases and heavily loaded axle drives in on-/off-road vehicles operating under severe conditions and in extremely cold or hot environments. It is suitable for use in moderate or severe conditions (high speed and/or low speed, high-torque conditions or sustained high temperature operation).

### SPECIFICATIONS

API	GL-5	Military	MIL-PRF-2105E
API	GL-4	ZF	TE-ML 02B
API	MT-1	ZF	TE-ML 05A
DTFR	12B140 (Approved)	ZF	TE-ML 07A
Volvo	97312 (Approved)	ZF	TE-ML 08
Detroit Diesel	DFS 93K219.01	ZF	TE-ML 02B
MAN	341 Type Z2	ZF	TE-ML 12L
MAN	342 Type S1	ZF	TE-ML 12N
MACK	GO-J	ZF	TE-ML 16F
SCANIA	STO:1, STO 2:0AFS	ZF	TE-ML 17B
Eaton	Europe (transmissions)	ZF	TE-ML 19C
Meritor	076-N	ZF	TE-ML 21A
SAE	G2360		

### PROPERTIES

EVO GEAR TDL is formulated to deliver excellent wear protection even under the most severe operating conditions. Its advanced chemistry provides strong resistance to oxidation at high temperatures generated during high-speed operation, while maintaining outstanding low-temperature fluidity. The lubricant offers enhanced extreme-pressure performance and is fully compatible with commonly used seals and metals, ensuring reliable operation and extended component life.



## TECHNICAL PRODUCT SHEET

### BENEFITS

EVO GEAR TDL is engineered to extend equipment life through its long drain capability and robust wear protection, even under severe conditions such as hypoid final drives. Its excellent low-temperature performance enhances gear shifting in cold weather, ensuring smoother operation. The formulation also helps prevent leaks by maintaining reliable seal compatibility, delivering dependable protection and long-lasting performance across a wide range of applications.

### PHYSICAL-CHEMICAL CHARACTERISTICS

EVO GEAR TDL	METHOD	SAE 75W-90
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	0.863
Viscosity, Kinematic (cSt) 40°C	ASTM D445	99.5
Viscosity, Kinematic (cSt) 100°C	ASTM D445	15.0
Viscosity index	ASTM D2270	158
Flash point, COC, °C	ASTM D92	216
Pour point, °C	ASTM D97	-42

The above mentioned characteristics represent mean values.

### STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



### HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



### USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

