

GOLDENSTONE® ULTRAGEAR SYNTHETIC SAE 75W-80/75W-90

Technical Data Sheet (TDS) MULTIGRADE AUTOMOTIVE GEAR OILS

Description and Application

Goldenstone® Ultragear Synthetic automotive gear oils are formulated with a special selection of high quality hydrotreated base stocks and high quality synthetic base stocks and an ashless, sulfur phosphorus type additive package.

These high quality automotive gear oils are developed to lubricate all types of hypoid, spiral bevel, two-speed and final axle gear drives including worm gear drives, both in automotive vehicles and industrial applications, operating at severe and shock loads, and sliding velocities.

Goldenstone® Ultragear Synthetic automotive gear oils are recommended for use in:

- On-highway light- and heavy-duty trucks, busses, vans, and cars
- Off-highway industries including: construction, quarrying, and agriculture
- Transmissions and axles and other applications where lubricants meeting API GL-4, GL-5 or MT-1 where mild extreme pressure gear lubricants are recommended

Benefits

- Excellent protection for all gear drive components
- Exceptionally good low temperature performance down to minus 40°C
- Dependable rust & corrosion protection
- Excellent oxidation stability and enhance resistance to breakdown from heat
- Very good seal compatibility preventing oil leakages
- Excellent anti-wear, anti-scuffing and anti-seizure properties at a variety of speeds and loads
- Easy gear shifting as well under cold or hot conditions of use, providing optimal driving comfort
- Fuel economy potential

Specifications

	SAE 75W-80	SAE 75W-90
API	GL-5/GL-4/MT-1	
MAN	341 Type Z2	341 Type Z2, 342 Type M2
Mack	-	GO-J
Renault	note technique B0032/2 annex 3	-
ZF	TE-ML 02B/08/17B	TE-ML 02B/05A/07A/ 08/12L/16B/ 17B/21B
DAF	-	API GL-5 or MIL-PRF-2105E axle
Iveco	-	MIL-PRF-2105E axle
MIL	-	PRF-2105E

Typical Characteristics

Parameter	Test Method	Typical Value	
		SAE 75W-80	SAE 75W-90
Density at 20°C, g/ml	EN ISO 3675	0.862	0.876
Kinematic Viscosity at 100°C, mm ² /s	EN ISO 3104	8.4	16.7
Viscosity Index	ISO 2909	140	175
Flash point COC, °C	EN ISO 2592	190	176
Pour point, °C	ISO 3016	<-40	<-40
Brookfield Viscosity at minus 40°C, cP	ASTM D 2983	100 000	112 000
Copper Strip Corrosion, rating	EN ISO 2160	1a	
FZG Test - Failure Load Stage	ASTM D 5182	12	

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

<http://www.goldenstoneoils.com>

Packages

1L, 210L

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