



MULTIGRADE GEAR OILS PRISTA® EP

DESCRIPTION and APPLICATION

Prista® EP automotive gear oils are formulated with a special selection of high quality solvent refined and hydrotreated base stocks and an ashless sulfur phosphorus type additive package.

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

Oils are recommended for manual transmissions, rear drive axles and hypoid final drives (differentials) that require API GL-5 EP quality level gear oils (equivalent for these viscosity grades to the obsolete USA MIL-L-2105C/D specification).

SPECIFICATIONS

SAE	85W-90	80W-90	85W-140
API	GL-5	GL-5	GL-5
MB	235.0		
MAN	342 TypeM-1		
Voith		3.325-339	
ZF Approval		16B/17B/1 9B/21A ZF 000380	
ZF TE-ML specification	05A/07A /16D/17 B/19B	05A/07A/1 6C	

SAE	85W-90	80W-90	85W-140
MIL-L		2105D	

BENEFITS

- Especially wide temperature application range thanks to their very low pour point
- Excellent oxidation stability and enhance resistance to breakdown from heat
- Excellent protection for all gear drive components
- Dependable rust & corrosion protection
- Very good seal compatibility preventing oil leakages
- Excellent anti-wear, anti-scuffing and anti-seizure properties at a variety of speeds and loads.

HEALTH, SAFETY, TRANSPORT AND STORAGE

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

Material safety data sheet is available on www.prista-oil.com

PACKAGES

1L, 20L, 210L, 1000L, Bulk

TYPICAL CHARACTERISTICS

PARAMETER	TEST METHOD	TYPICAL VALUE		
		SAE 85W-90	SAE 80W-90	SAE 85W-140
Density at 20°C, g/ml	EN ISO 3675	0.900	0.891	0.903
Kinematic Viscosity at 100°C, mm ² /s	EN ISO 3104	17.0	14.5	24.5
Viscosity Index	ISO 2909	100	110	94
Brookfield Viscosity at minus 26°C, cP	ASTM D 2983	-	130 000	-
at minus 12°C, cP		68 000	-	90 000
Flash point COC, °C	EN ISO 2592	220	215	226
Pour point, °C	ISO 3016	-27	-30	-20
Copper Strip Corrosion, rating	EN ISO 2160	3b	3b	3b
FZG Test - Failure Load Stage	ASTM D 5182	12	12	12

Remark: The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.