



GEAR

PRODUCT DESCRIPTION

GEAR Series Oils are premium quality lubricants blended with selected mineral base oils and appropriate additive package containing specific additives.

GEAR Series Oils are able to maintain a satisfactory lubricating film on the surface of gear teeth so that serious grinding damage can be avoided upon starting under load.

These products show following main properties:

- very good EP performance
- excellent oxidation resistance.
- High protection of moving parts against corrosion

APPLICATIONS

GEAR Series Oils are recommended for the lubrication of all types of hypoid gears under severe loads, high relative sliding velocity between teeth and high operating temperatures.

They can be also used for normal gearboxes and steering boxes on cars and for gearboxes and final drive units on earth moving vehicles.

GEAR Series Oils can be kept in the drive units without problems at least for intervals recommended by the manufacturer.

SPECIFICATIONS

GEAR EP Series Oils meet following specifications: API GL 4

TYPICAL CHARACTERISTICS (*)

Product Designation	GEAR 90	GEAR 140
SAE Viscosity Grade	80W / 90	85W / 140
Density at 15°C, ASTM D 1298, Kg / dm ³	0,900	0,910
Viscosity at 40°C, ASTM D 445, cSt	135	370
Viscosity at 100°C, ASTM D 445, cSt	14,2	25,8
Viscosity Index , ASTM D 2270	95	95
Pour Point, ASTM D 97, °C	- 21	-12
Flash Point , ASTM D 92 ,°C	215	225

(*) The reported figures are typical of those obtained with normal production tolerance and therefore may be subjected to variation; they do not constitute a specification, exception made for SAE VG.