



GEAR SYN EP



DESCRIPTION

Gear SYN EP is a high quality, synthetic oil suitable for hypoid differentials, transmission axles, steering wheels of cars, trucks, and construction equipment. It can be, also, used as a gearbox oil, ensuring an adequate lubricating film thickness under shock loads in vehicles meeting the requirements of API's GL-5.

APPLICATIONS

It is ideal for use in heavy-duty hypoid differentials, transmission axles and steering wheels and in a plethora of automotive applications (i.e. passenger and light duty vehicles, trucks and construction equipment) where a lubricant of API GL-5 performance level is recommended. It is, also, suitable as a gearbox lubricant in passenger cars.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Sulphur-phosphorous extreme pressure (EP) additive technology.	Effective wear protection against pitting, staining even under severe load conditions; enhanced load carrying capacity.
Excellent resistance to foaming and corrosion.	Extended drain intervals; smooth shift-ability.
Exceptional thermal and chemical stability at elevated temperatures.	Minimization of deposits and sludge formation; prolonged components' life.
Superior viscosity –in relation to temperature – characteristics; compatible with conventional seal materials.	Excellent cold flow properties. Flexibility in use

PHYSICAL-CHEMICAL CHARACTERISTICS

GEAR SYN EP	METHOD	SAE 75W-90
Density at 15°C, g/cm ³	ASTM D1298	0,877
Viscosity, Kinematic (cSt) 40 ⁰ C	ASTM D445	14,5
Viscosity, Kinematic (cSt) 100 ⁰ C	ASTM D445	78,4
Viscosity index	ASTM D2270	194
Flash point, COC, °C	ASTM D92	198
Pour point, °C	ASTM D97	-42

The abovementioned characteristics represent mean values.

SPECIFICATIONS

API GL-5; U.S. MIL-L-2105D; ZF TE-ML 05A, 07A, 12E, 16B, 17B