

THRONE OIL GEAR OIL EP SERIES

High Performance Gear Oils

Description:

It is a heavy duty multigrade gear oil produced by the combination of high quality paraffinic base oils and extreme pressure additives.

Usage Areas:

It is extremely pressure resistant automotive gear oil used in heavy duty utility machines, flat transmissions of trucks and buses, spiral, conical and hypoid gear systems, axles and final drive gears.

Benefits and Advantages Provided:

- The extreme pressure EP (Extreme Pressure) additive extends the life of the gearboxes by reducing the abrasion caused by friction.
- Thanks to its multi-grade viscosity class features, it provides easy flow, superior performance and longevity at high temperatures.
- It contains additives that prevent rust, corrosion, and foam formation, and shows high performance.
- It is compatible with all sealing elements and extends the life of materials.
- Excellent thermal stability makes it easy to change gears even in cold weather, while providing protection against oxidation and corrosion even at high temperatures.

Performance: It compensates the performance specifications API GL-5, MIL-L-2105D, MB 235.0; ZF TE ML 05A, 7A, 12E, 16B, C, D, 17B, 19B.

Typical Properties:

Physical Property	Method	EP 90	EP 140	EP 80W-90	EP 85W-140
Density, g/cm ³ , 15°C	ASTM D 4052	0,895	0,910	0,887	0,908
Kin. Viscosity, cSt, 40°C	ASTM D 445	17,4	28,4	189,4	396,4
Kin. Viscosity, cSt, 100°C	ASTM D 445	191,3	419,2	14,8	27,2
Viscosity index	ASTM D 2270	98	94	100	94
Pour Point, °C	ASTM D 97	-24	-21	-24	-24
Flash Point, °C	ASTM D 92	230	240	235	238

** The values given in the table are typical and they may vary from production to production.*