

THRONE OIL MULTI-GRADE EP SERIES

High Performance Synthetic Gear Oils

Description:

It is an automotive gear oil which is formulated with synthetic base oil technology and high performance additive and used in heavy duty type manual transmissions with and without synchronism.

Usage Areas:

It is recommended to use in hypoid gears operating under heavy load and pressure in heavy duty type manual transmissions without synchromesh and with synchromesh.

Benefits and Advantages Provided:

- It protects the system under heavy loads thanks to its excellent EP feature.
- By means of the new additive technology, it ensures smooth operation even under the most severe mechanical and thermal loads.
- It is compatible with next-generation synchromesh systems, facilitating gear shifting.
- It provides excellent protection against abrasions by maintaining the oil film even under heavy working conditions.
- By means of its high oxidation stability, it avoids formation of sediments and improves working efficiency.
- It provides a longer oil change interval than conventional oils.
- By means of its excellent shear strength, it maintains its viscosity even during the longest oil change period.

Performance: It compensates the performance specifications API GL-5, MAN 341 Typ Z3; MAN 341 Typ E3; MIL L 2105; ZF TE ML 21B/19C/17B/16F/12/05B.

Typical Properties:

Physical Property	Method	EP 75W-80	EP 75W-90
Density, g/cm ³ , 15°C	ASTM D 4052	0,881	0,865
Kin. Viscosity, cSt, 100°C	ASTM D 445	8,9	15,32
Kin. Viscosity, cSt, 40°C	ASTM D 445	65	99,8
Viscosity index	ASTM D 2270	126	163
Pour Point, °C	ASTM D 97	-41	-45
Flash Point, °C	ASTM D 92	225	220

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