

4407 Semi-Synthetic Heavy Duty Industrial Gear Oil

4407 semi-synthetic heavy duty industrial gear oil is blended with special semi-synthetic base oil and multi-functional additives. It has outstanding viscosity-temperature performance and low temperature performance meeting lubrication requirements of various gears in severe operating modes. The product comprises several grades such as 150 220 320 460 and 680 according to its kinematic viscosity at 40°C.

Advantages

- ⊙ Better viscosity-temperature and low temperature performance meeting application requirements of wider temperature range having better fluidity and pumping performance in low temperature condition
- ⊙ Good thermal stability strong anti-oxidation reducing formation of various harmful oxides prolonging service life of oil
- ⊙ Better oil-water separation ability meeting application requirements of severer operating mode reducing oil consumption
- ⊙ Better anti-corrosion anti-rust and anti-foaming performance effectively inhibiting occurrence of corrosion and wear on parts providing better protection for equipment
- ⊙ Perfect carrying ability ensuring smooth operation of heavy duty gears reducing scratch of gear surface effectively reducing operation noise

Applications

- ⊙ Suitable for gears of various severe operating modes especially for heavy duty industrial gears requiring higher low temperature fluidity and water separation performance in such industries as mining metallurgy cement and so on
- ⊙ Applied temperature range: -20°C~120°C possibly reaching 130°C in short time

Typical properties

Items	4407 semi-synthetic heavy duty industrial gear oil			
	150	220	460	680
Kinematic viscosity (40°C), mm ² /s	147.6	214.5	468.4	675.6
Viscosity index	110	108	119	143
Pour point, °C	-28	-24	-17	-18
Four-ball wear test				
P _D , N	3087	3087	3920	3920
Comprehensive wear index (ZMZ), N	569	563	596	606
Diameter of wear spot, mm	0.31	0.29	0.30	0.33