

4413 High Speed Pump Gear Oil

4413 high speed pump gear oil is blended with synthetic base oil and compounding additives of extreme pressure and anti-oxidation, anti-corrosion and so on. It has outstanding shear resistance performance, meeting lubrication requirements of gear unit of high speed centrifugal pump in various rotation speeds.

Advantages

- ⊙ Outstanding high/low temperature performance, adaptable to various severe working conditions
- ⊙ Outstanding viscosity-temperature performance, suitable for equipment in various severe temperature conditions
- ⊙ Outstanding high temperature resistance stability and anti-shear stability, ensuring oil drain interval longer than 8000h
- ⊙ Outstanding lubricity, protecting equipment by reducing wear, prolonging service life of equipment

Performance

The product meets the following specifications:

- ⊙ Q/SH PRD232-2008
- ⊙ OEM certificate of Beijing Aerospace Propulsion Institute

Applications

- ⊙ Suitable for lubrication of gear system and bearing of express centrifugal pump (e.g. Sundyne pump) in various rotation speeds
- ⊙ Applied temperature range: -45℃~150℃

Typical properties

Items	4413 high speed pump gear oil
Kinematic viscosity, mm ² /s	
100℃	6.714
40℃	37.66
Viscosity index	136
Flash point (COC), ℃	236
Freezing point, ℃	<-60
Neutralization value, mgKOH/g	0.42
Shear stability (ultrasonic shearing method) 40℃ kinematic viscosity variation, %	0.5