

4512 Synthetic Compressor Oil

4512 synthetic compressor oil is blended with synthetic base oil and multi-functional additives such as anti-wear, anti-rust and so on. According to international classification standard, it belongs to ISO-L-DAC type of oil.

Advantages

- ⊙ With good chemical stability, not likely to be diluted by CO₂ and hydrocarbon gas, keeping good lubricity in operation
- ⊙ Good lubricity, effectively facilitating long term stable operation of compressor
- ⊙ Good anti-wear performance, reducing wear of equipment
- ⊙ With excellent performance of high flash point, low pour point and anti-rust properties

Performance

The product meets the following specifications:

- ⊙ Q/SH303 174-2004 (2007)

Applications

- ⊙ Suitable for lubrication and sealing of cylinder of multi-stage high pressure CO₂ compressor in industries such as fertilizer, chemistry, food and beverage production, gas production and so on. Capable of significantly prolonging oil change interval, reducing wear of equipment and protecting it from corrosion
- ⊙ Suitable for multi-stage reciprocating high pressure compressor with 20MPa of pressure and 150℃ of vent temperature

Typical properties

Items	4512 synthetic compressor oil
Appearance	Transparent liquid of light yellow colour
Kinematic viscosity (40℃), mm ² /s	223.5
Viscosity index	212
Flash point (COC), ℃	255
Freezing point, ℃	-38
Neutralization number, mgKOH/g	0.10
Water content, % (m/m)	0.05