

## 4512 Synthetic Compressor Oil

SINOPEC 4512 synthetic compressor oil is blended with synthetic base oil and plural highly refined additives such as anti-wearing agent, rust inhibiting agent 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 CO<sub>2</sub> and hydrocarbon gas, keeping good lubricity in operation
- ⊙ Good lubricity, effectively facilitating long term stable operation of compressor
- ⊙ Good anti-wear property, reducing wear of equipment
- ⊙ With excellent properties of high flash point, low pour point and anti-rust

### Performance Specification

The product meets the following specifications:

- ⊙ Q/SH PRD330—2010

### Applications

- ⊙ Suitable for lubrication and sealing of cylinder of multi-stage high pressure CO<sub>2</sub> compressor in industries such as fertilizer, chemistry, food and beverage production, gas production and so on. Capable of significantly prolonging oil drainage, 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
Kinematic viscosity (40 ℃), mm <sup>2</sup> /s	223.5
Viscosity index	212
Flash point (open), ℃	255
Freezing point, ℃	-38
Neutralization value, mgKOH/g	0.10
Water content, % (m/m)	0.05

### Application Examples

- ⊙ A compressor manufacturing company located in Wuhan, China, finally chose this product after strict test and it performed well

### Special Attentions

- ⊙ It is better to clean the lubricating system in prior to usage of this product
- ⊙ Not good to mix with other kinds of oil
- ⊙ Close the cap tightly after each use to keep moisture and debris away, ensuring quality of the product
- ⊙ Store under clean, dry condition, away from light

### Packing

- ⊙ To be packed with 3.5kg plastic drum, 16kg/200L iron barrel or by customer