

## 4513 Synthetic Compressor Oil

4513 synthetic compressor oil is blended with synthetic oil and such additive as anti-oxidizer. According to international classification standard, it belongs to ISO-L-DAC series. Especially suitable for screw compression system of hydrocarbon gas, it comprises several grades such as 68, 100, 150, 220 and so on according to its kinematic viscosity at 40°C.

### Advantages

- ⊙ Excellent chemical stability and thermal oxidation stability, preventing oil from damage
- ⊙ Not likely to form carbon deposit and gummy mater
- ⊙ Good anti-corrosion performance, ensuring normal operation of equipment
- ⊙ Excellent lubricity, reducing wear of equipment
- ⊙ With water solubility and low solubility for hydrocarbon gas, preventing diluted by compressed gas in operation, keeping appropriate operation viscosity, prolonging service life of oil and equipment

### Performance

The product meets the following specifications:

- ⊙ Q/SH PRD120-2008

### Applications

- ⊙ Suitable for lubrication of compressor, especially screw compressor, engaged in pressurizing transportation, bottling, separating and recovering of such hydrocarbon gases as natural gas, gas, liquefied propane, chlorine-fluorine derivatives, ethane, bivinyll and vinyl chloride in refinery, oil/gas field, coking plant and mine.

### Typical properties

Items	4513 synthetic compressor oil			
	68	100	150	220
Kinematic viscosity, mm <sup>2</sup> /s				
100°C	68.45	19.80	28.87	39.4
40°C	14.03	101.0	151.2	221.5
Viscosity index	214	220	227	231
Flash point, °C	261	264	269	271
Density (20°C), g/cm <sup>3</sup>	1.0125	1.0312	1.0402	1.0424
Freezing point, °C	-49	-46	-42	-40
T <sub>2</sub> Cu corrosion (100°C, 3h )	1b	1b	1b	1b