

4511-1 Ethene Compressor Oil

4511-1 ethene compressor oil is highly refined ethane compressor oil blended with high quality polyglycol ether and so on. According to international classification standard, it belongs to ISO-L-DAC type of oil.

Advantages

- ⊙ Outstanding dilution-proof ability of light hydrocarbon, providing sufficient and effective lubrication for compressor in process of compressing light hydrocarbon gas such as ethylene
- ⊙ Good low temperature fluidity, ensuring normal startup and operation of compressor in low temperature condition
- ⊙ Excellent anti-oxidation ability, providing long term stability of oil in contact with high temperature and high pressure gas such as ethylene
- ⊙ Excellent adaptability to sealing material, ensuring long term operation of compressor seals
- ⊙ Excellent adaptability to metal, ensuring long term operation of compressor metallic parts
- ⊙ Outstanding over-all performance, ensuring normal operation of compressor in all kinds of conditions

Applications

- ⊙ Specially developed lubricant for inside of cylinder of reciprocating compressor of high temperature and pressure ethylene and compressor of other kinds of hydrocarbon gas

Typical properties

Items	4511-1 ethene compressor oil
Appearance	Transparent liquid of no color to light yellow
Kinematic viscosity, mm ² /s	
100℃	46.93
40℃	267.8
Viscosity index	236
Flash point (COC), ℃	257
Freezing point, ℃	-19
Acid number, mgKOH/g	0.02
Mechanical impurity, %	No
Ash content, % (m/m)	0.0008
T ₂ Cu corrosion (100℃, 3h), level	1b

Precautions

- ⊙ The product has certain hygroscopic characteristics requiring intactness of external and internal packages
- ⊙ Dissolution may occur in contact with paint or part made of plastic such as acryl glass. Try to avoid such contact in application