



# <COPESO>

## <Synthesis Oil For Air Compressors>

### DESCRIPTION

LOFGE COPESO air compressor oil is total synthesis hydrocarbon-type. It is based on all-synthetic hydrocarbon base oil and carefully selected additive modulation by formula. It has demonstrated the best performance in any rotary screw air compressors. The implementation of effective lubrication at high temperatures and extreme environments, Life expectancy for the four-fold mineral lubricants.

Meets: DIN151506; VD-L

Meets: ISO 6743 CLASSIFIED DAJ

### APPLICATION

- ★Suitable for all rotary air compressor type (screw-type and leaf type) lubrication and cooling.
- ★Required high air discharge temperature and outlet pressure of the working condition such as temperature >100°C and export pressure >15 bars.
- ★For security reasons, need a higher flash point than mineral oil in air compressor oil.
- ★Need high load to transmit capacity and low temperature to start occasions.

### FEATURE

- Lower oil volatility and reduce oil consumption. Extend the life of the oil and the oil change period, reduce sludge and sediment.
- The use of high-efficiency, very good thermal stability, excellent anti-oxidation resistance, to avoid generation of carbon deposition and oil viscosity to increase.
- Extremely low corrosion carbon content, good anti-wear and corrosion resistance.
- The good separation performance of oil/gas and oil/condensate, avoid the jam of separator.
- Low foaming tendency, good anti-emulsification.
- Completely inert for seals or gaskets.
- To fit a broader use of temperature for high flash point, low pour point.

### TYPICAL SPECIFICATION

LOFGE COPESO	UNITS	A-1	B-1	C-1
Density (15°C)	Kg/m <sup>3</sup>	0.840	0.883	0.884
Viscosity (40°C)	mm <sup>2</sup> /s	32	46	68
(100°C)		6.5	7.9	10.2
Viscosity Index	-	≥152	≥135	≥145
Flash Point	°C	242	250	260
Pour Point	°C	-54	-45	-35

The typical specification mentioned represent mean values.