

# COMPRESSOR OIL FROM SULPHUR-BEARING CRUDE KS-19

## Compressor oil

### PRODUCT DESCRIPTION

**Compressor oil from sulphur-bearing crude KS-19** (GOST 9243-75) is a sulphur-bearing solvent-refined mineral oil. Contains no additives.

According to the requirements **KS-19** has following mandatory performance characteristics:

- High thermal oxidation stability;
- Prevention of coke-like oil deposit formation in discharge compressor lines;
- Good antifoam properties;
- Good viscosity and temperature properties.

**The product is manufactured as per GOST 9243-75**

### APPLICATION

Designed for lubricating MP/HP piston and rotary compressors and air blowers. Oil **KS-19** is widely used in many industries as well as in transport sector. In terms of operation conditions, compressor oil **KS-19** is in direct contact to high-temperature pressurized gas. It provides an analogue to the oil MS-20 and can replace it upon agreement with OEM.

### STANDARD CHARACTERISTICS

Table 1

DESCRIPTION	KS-19
Kinematic viscosity at 100 °C, cSt	18–22
Viscosity index, or more	92
Coking ability, %, or less	0.5
Acid number, mg KOH per 1 g of oil, or less	0.02
Stability against oxidation:	
a) Weight percentage of deposit after oxidation, %, or less	None
б) Acid number, mg KOH per 1 g of oxidized oil, or less	0.5
Ash content, %, or less	0.005
Content of water-soluble acids and alkali	None
Content of selective solvents	None
Content of mechanical impurities	None
Water content	None
Sulfur content, %, or less	1.0
Color as per dark oil product chromometer, units, or less	7.0
Open cup flash point, °C, or more	260
Pour point, °C, or less	-15
Corrosive effect on lead sheets, grades C1 or C2 according to GOST 3778, g/m <sup>2</sup> , or less	10
Liability to the formation of lacquer at 200 °C within 30 min, %, or less	3.5
Density at 20 °C, g/cm <sup>3</sup> , or less	0.905

The standard product characteristics are average values and do not constitute the manufacturer's specification. They can be subject to change in accordance with the requirements of INTESMO, LLC. Please contact the technical support team for any question related to the application and replacement of grease products manufactured by INTESMO, LLC.