

KS-19

Compressor oil made of sulfurous crude oils

DESCRIPTION

Compressor oil KS-19 is a solvent-refined mineral oil made of sulfurous crude oil. Doesn't contain additives.

Compressor oil KS-19 is intended for lubrication of piston and rotary compressors of medium and high pressure, as well as blowers that compress air and/or other gases insoluble in oil. It is widely used in many areas of industry and transport. According to the operating conditions, compressor oil KS-19 is in direct contact with high temperature compressed gas.

KS-19 oil is an analogue of MS-20 oil and, in agreement with the equipment manufacturer, can replace it.

<p><u>ADVANTAGES:</u></p> <ul style="list-style-type: none"> • High thermo-oxidative stability • Excellent antifoam properties • Good viscosity-temperature properties • Prevents the formation of coke oil deposits in the discharge lines of the compressors 	<p><u>COMPOSITION:</u></p> <ul style="list-style-type: none"> • Mineral oil made of sulfurous crude oils, produced by the method of solvent refining
<p><u>APPLICATION IN UNITS:</u></p> <ul style="list-style-type: none"> • Friction units of compressors and blowers 	<p><u>APPLICATION EXAMPLES:</u></p> <ul style="list-style-type: none"> • Piston and rotary compressors of medium and high pressure • Blowers

KS-19. Edition 12/21, replaces all previously published edition

This product is manufactured according to GOST 9243-75

KS-19 TYPICAL PROPERTIES

Standard	Property	Unit	Value
GOST 3900	Density @ 20 ° C, max	g/cm ³	0.905
GOST 33	Kinematic viscosity @ 100 °C	cSt	18–22
GOST 25371	Viscosity index, min		92
GOST 19932	Carbon residue, max	%	0.5
GOST 5985	Acid number, max	mg KOH/g	0.02
GOST 981	Oxidation stability:		
	a) sediment after oxidation, max	%	Absence
	b) acid number, max	mg KOH/g	0.5
GOST 1461	Ash content, max	%	0.005
GOST 6307	Content of water-soluble acids and alkalis		Absence
GOST 1057	Selective solvent content		Absence
GOST 6370	Content of mechanical impurities		Absence
GOST 2477	Water content		Absence
GOST 1437	Sulfur content, max	%	1
GOST 20284	Colour on colorimeter CNT, max	CNT units	7
GOST 4333	Flash point in an open cup, min	°C	260
GOST 20287 B	Pour point, max	°C	–15
GOST 20502	Corrosion resistance on lead plates of grades C1 or C2 according to GOST 3778, max	g/m ²	10
GOST 23175	The tendency to form varnish @ 200 ° C for 30 minutes, max	%	3.5

HOW TO USE

It could be applied by using immersion, circulation or injection.

USABLE LIFE AND STORAGE

The guaranteed shelf life is 60 months from the date of manufacture in the manufacturer's container, subject to the conditions of transportation and storage.

HANDLING PRECAUTIONS

This product doesn't contain any toxic ingredients. During storage, transportation, and application of this product, the safety rules for handling mineral lubricating materials and the environment protection regulations must be observed.

For further information on how to use LUKOIL® products, please refer to the product MSDS.

TECHNICAL SUPPORT

For correct selection of the proper lubricating materials to meet your needs, and to get more detailed information on the products, as well as if you have any other questions, we recommend you to contact our technical support service specialists by e-mail: grease.support@lukoil.com

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Product technical properties are typical and can vary in strong limits.

Due to research and development of science and technology technical properties of product indicated in this Technical Data Sheet can be changed without notification.