

"Gazpromneft-lubricants" Office 40, 14/3 Krzhizhanovskogo Street, Moscow, Russia, 117218



CERTIFICATE OF ANALYSIS № 400

Compressor oil KS-19p(A),
TY 38.401-58-243-99 OKPD2 19.20.29.160

The declaration of conformity
EEU № RU Д-РУ.НХ10.В.01027 by 27.07.2020



Management system of the company is certified for compliance the standards
ISO 9001:2008, ISO 14001:2004, OHSAS 1800:2007.

Reservoir: **E-5**

Batch № **1820002401**

Date of produced: **16.01.18**

Package: **drum 205l**

Date of packing: **27.01.18**

Quantity, t: **25.02**

Quantity, p: **136**

Date of produced/analyses: **27.01.18**

Characteristics	Test Method	TR of the Customs Union limit	STO limit	Analysis result *
Kinematic Viscosity at 100 °C, mm ² /s, min	GOST 33		19,00	23,07
Viscosity Index, min	GOST 25371	-	85	85
Total Acid Number, mg KOH/g, max	GOST 5985	-	0,02	0,01
Conradson carbon residue, wt%, max	GOST 19932	-	0,40	0,40
Ash, wt%, max	GOST 1461	-	0,005	0,004
Mechanical impurities, wt %	GOST 6370	0,03	absence	absence
Water content, wt %, max	GOST 2477	-	absence	absence
Water-soluble acids and alkalis content	GOST 6307	-	absence	absence
Flash Point, COC, °C, min	ASTM D 92	135	260	260
Pour Point, °C, max	GOST 20287	-	minus 15	minus 15
Sulfur content, wt%, max	ASTM D 6481	-	0,7	0,3
Color (CNT Color Scale), max	GOST 20284	-	5,0	5,0
Copper Corrosion (grade M0 or M1) according to GOST 859	GOST 2917	-	pass	pass
Total oxidation stability:	GOST 981	-	0,005	0,005
a) sludge after oxidation, wt%, max		-	0,5	0,2
b) Total Acid Number of oxydized oil, mg KOH/g	GOST 3900	-	905	893
Density at 20 °C, kg/m ³ , max	*OST 38.01502-97	-	absence	absence
Selective solvent content, wt%, max	GOST 12.1.044	165	-	385
Self-ignition point, °C, min				

* - according to the COA of manufacturer № 3 date 17.01.2018

Conclusion: Compressor oil KS-19p(A) the product meets the requirements of Technical regulations of the Customs Union and TY 38.401-58-243-99, revision 1-6.

Shelf life 5 years from date of manufacture.

Sampling conditions - under GOST 2517-2012.

Storage conditions - under GOST 1510-84.

Manufacturer: JSC "Slavneft-YANOS" 130b, Moskovsky prospect, Yaroslavl, 150023, Russia. Manufactured on request: "Gazpromneft-lubricants", Ltd.

Representative by proxy (proxy № 01-108/ю-д) Е.А. Злобина Zlobina E.A.

Date of issuance: 28.01.2018

L. S.

