

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



CERTIFICATE OF ANALYSIS № 5571

Industrial oil I-20A,
GOST 20799-88 revision 1-5 OKPD2 19.20.29.130
The declaration of conformity
EEU № RU Д-РУ.НХ10.В.02406 by 20.08.2020



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

Reservoir: **E-6**
Batch № **1720039303**
Date of produced: **20.11.17**

Package: **drum 2051**
Date of packing: **25.11.17**

Quantity, t: **12,800**
Quantity, p: **110**
Date of produced/analyses: **25.11.17**

Characteristics	Test Method	TR of the Customs Union limit	STO limit	Analysis result *
Kinematic Viscosity at 40 °C, mm ² /s, in the range	GOST 33	-	29,0-35,0	33,1
Total Acid Number, mg KOH/g, max	GOST 5985	-	0,03	absence
Ash, wt%, max	GOST 1461	-	0,005	0,002
Sulphur Content (for oils made of sulfur-bearing crudes), wt %, max	ASTM D 4294	-	1,0	0,1
Mechanical impurities, wt %	GOST 6370	0,03	absence	absence
Water content, wt %, max	GOST 2477	-	traces	traces
Density at 20 °C, kg/m ³ , max	GOST 3900	-	890	867
Pour Point, °C, max	GOST 20287	-	minus 15	minus 15
Color (CNT Color Scale), max	GOST 20284	-	2,0	1,0
Flash Point, COC, °C, min	ASTM D 92	135	200	211
Oxidation stability:				
- Gum Content Increase, wt%, max	GOST 18136	-	2,0	1,9
- Acid Number Increase, mg KOH/g, max	GOST 15886 GOST 20799	-	0,30	0,26
Selective solvent content, wt%, max	GOST 1057 GOST 1520 GOST R 52532	0,3	absence	absence
Self-ignition point, °C, min	GOST 12.1.044	165	-	371

* - according to the COA of manufacturer 178 date 21.11.2017

Conclusion: Industrial oil I-20A the product meets the requirements of Technical regulations of the Customs Union and GOST 20799, revision 1-5.

Shelf life 5 years from date of manufacture.

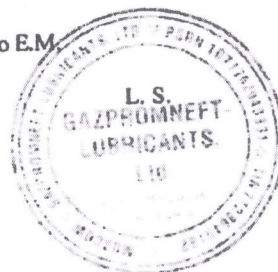
Sampling conditions - under GOST 2517-2012.

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 № 01-89/ю-д) Zhigalko E.M.

Date of issuance: 26.11.2017



КОПИЯ ВЕРНА

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