

LABORATOR LUBRIFIANT/ LUBRICANTS LABORATORY						acreditat pentru ÎNCERCARE	
Ploiesti, Str. Mihai Bravu, Nr. 235, Jud. Prahova; Tel: +40244 504 358; Fax: +40244 504 679; Laborator@lukoil-lubricants.ro						 SR EN ISO/CEI 17025:2005 CERTIFICAT DE ACREDITARE LI 1200	
RAPORT DE ÎNCERCARE (TEST REPORT)		Nr.:	296	Data:	08.03.2019		
Client (Customer)	Sectia Amestec/Blending Sector		LUKOIL LUBRICANTS EAST EUROPE				
Produs (Product)	Ulei pentru motoare LUKOIL AVANTGARDE ULTRA PLUS 10W-40 Motor oil LUKOIL AVANTGARDE ULTRA PLUS 10W-40						
Document normativ (Normative doc)	ST 120 – 2018						
Numar Comanda (Order number)	2555						
Cod proba (Cod sample) / Lot(Batch)	791 / Lot 1						
Proba prelevata de (Sampling by)	Client (By customer)						
Data primire proba (Receive date)	08.03.2019						
Nr. crt. / No	Caracteristici (Characteristics)	U.M. (U.M.)	Valoare prevazuta (Standard limits)	Valoare determinata (Obtained value)	Metoda de incercare (Test Method)	Incertitudine (Uncertainty) **	
1	Densitate la 15°C / Density at 15°C Densitate la 20°C / Density at 20°C	g/cm ³	se raporteaza report	0,8712 0,8682	ASTM D 7042-16e3		
2	Viscozitatea cinematica la 100°C Kinematic viscosity at 100°C	mm ² /s	12,5 ÷ 16,3	14,52	ASTM D 7042-16e3		
3	Indice de viscozitate Viscosity index	-	min 135	155	ASTM D 7042-16e3 ASTM 2270-16 SR ISO 2909-12		
4	Cifra de bazicitate totala Total Base Number	mgKOH/g	min 10	13,50	ASTM D 2896-15		
5	# Punct de inflamare in vas deschis Flash point, COC	°C	min 210	214	SR EN ISO 2592-18 ASTM D 92-18		
6	*Viscozitate aparenta la temperaturi scazute CCS la -25°C / Apparent viscosity CCS at -25°C	mPa.s	max 7000	6363	ASTM D 5293-17a		
7	*Viscozitate aparenta la temperaturi scazute la -30°C / Apparent viscosity MRV at -30°C	mPa.s	max 60 000	25200	ASTM D 4684-18		
8	# Cenusa sulfatata / Sulfated ash	%	max 1,85	1,55	ASTM D 874-13a		
9	Punct de curgere Pour point	°C	max. -27	-33	SR 13552-12 ASTM D 97-17b		
10	# *Volatilitate Noack / Noack volatility	%	max 15	13,3	ASTM D 5800-18a		
11	# *Continut de sulf Sulfur content	%	se raporteaza report	0,60	SR EN ISO 8754-04 ASTM D 4294-16e1		
12	# *Continut de fosfor Phosphorus content	%	se raporteaza report	0,13	STAS 7330-83		
13	# * Continut de Calciu Calcium content	%	se raporteaza report	0,34	STAS 8428-69		
14	# * Continut de Zinc Zinc content	%	se raporteaza report	0,14	STAS 7717-81		
15	Caracteristici de spumare: tendinta-stabilitate Foaming characteristics: tendency-stability - la 24°C / at 24°C - la 93,5°C / at 93,5°C - la 24°C, dupa 93,5°C / at 24°C, after test at 93,5°C	ml ml ml	max 10-0 50-0 10-0	10-0 20-0 10-0	ASTM D 892-18		

Observatii (Remarks) :

* Garantate prin tehnologie (Guaranteed by technology).

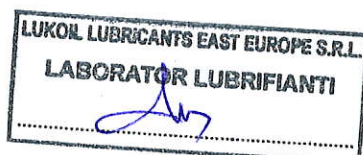
** Incertitudinea raportata la solicitarea clientului (Uncertainty related to customer demand).

Incercare neacreditata (Test not accredited).

Verificat/Aprobat (Approved by):
Sef Laborator (Laboratory Chief)
Lungu Cristina

Intocmit: (Performed by):

Voicu Ioana


Note: 1) Raportul de incercari se refera numai la proba supusa incercarii/ The test report refer only to tested sample.
2) Reproducerea partiala a raportului de incercari este interzisa/ Any partial reproduction of report is forbidden.

DECLARATIE DE CONFORMITATE/CONFORMITY STATEMENT
Nr./No: 283 Data/Date: 08.03.2019

Noi,

Numele furnizorului: LUKOIL LUBRICANTS EAST EUROPE S.R.L

Adresa furnizorului: Str. Mihai Bravu, nr. 235, Ploiesti, jud. Prahova, Romania

Nr. de inregistrare la Registrul Comertului: J29/1451/0810.2015

Asiguram, garantam si declaram pe propria raspundere, prin prezentul document, ca produsul la care se refera aceasta declaratie este in conformitate cu cerintele specificate in documentul normativ specificat mai jos:

We,

Supplier Name: LUKOIL LUBRICANTS EAST EUROPE S.R.L

Supplier Address: Ploiesti, 235 Mihai Bravu Street, Prahova County, Romania

Registration number at the Commerce Registry: J29/1451/0810.2015

Assure, guarantee and declare on our own responsibility, in this document, that the product to which this declaration relates is in compliance with the requirements specified in the regulatory document specified below:

Denumire produs Product name	Lot, Rez./Lot, Tank Ambalaj/Pack	Titlul si numarul documentului normativ Title and no. of the normative document	
LUKOIL AVANTGARDE ULTRA PLUS 10W-40	Lot 1	Ulei pentru motoare	ST 120-2018
		Motor oil	

Certificat de Valabilitate <i>Certificate of Validity</i>	Perioada de valabilitate a produsului in depozitare este 5 ani de la data fabricatiei, in conditiile respectarii cerintelor de ambalare, depozitare, transport si manipulare. <i>Shelf life of product in storage is 5 years from date of manufacture, in compliance with the requirements for packaging, storage, transport and handling.</i>
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Certificat de Conformitate RAR-OCP <i>Certificate of statement RAR-OCP</i>	Nr. 718, valabil pana la 11.03.2020 <i>No. 718, valid to 11.03.2020</i>
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Raport de Incercare / Test report	296	Data / Date	08.03.2019
Client / Customer			
Data livrarii / Delivery date			
Factura/Aviz expeditie/Scrisoare trasura / Invoice/Delivery note/Car licence plate			
Cantitate / Quantity			
Mijloc de transport / Transport			

LUKOIL LUBRICANTS EAST EUROPE

PANAIT Luminita



Cod DC/2013, ed.2

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