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TECHNICAL SHEET

ALL SEASON UNIVERSAL ENGINE OIL
LUKOIL GENESIS A5/B5 SAE 5W-30, API SL/CF
 – SYNTHETIC –

- All season universal engine oil, obtained from Group III base oils and additives which provide the API SL/CF performance level; it meets the requirements for the 5W-30 viscosity class (according to SAE J 300).
- It is synthetic oil with low volatility and viscosity, designed for high performance, high power gasoline or Diesel engines with direct injection. Its use ensures longer oil change intervals under severe operating conditions, during any season of the year, with low friction and minimum oil consumption.
- Licence: API SL ; ILSAC GF-4
- Approvals: FORD WSS-M2C913-C; RN 0700
- Performance level / Meets the following requirements: API CF; ACEA: A5/B5, A1/B1; FORD WSS-M2C913-B, WSS-M2C913-A
- Quality conditions:

Item No.	CHARACTERISTICS	ADMISSIBILITY CONDITIONS	TEST METHOD
1	Kinematic viscosity at 100°C, mm ² s ⁻¹ (cSt)	9.3...12.5	SR EN ISO 3104/AC ASTM D 445 ASTM D 7042
2	Viscosity index, min.	150	SR ISO 2909 ASTM D 2270 ASTM D 7042
3	Base number, mg KOH/g, min.	8.5	SR ISO 3771 ASTM D 2896
4	Flash point, open cup °C, min.	190	SR EN ISO 2592 ASTM D 92
5	* Apparent (dynamic) viscosity, determined using a Cold Cranking Simulator (CCS) at -30°C, cP, max.	6600	ASTM D 5293
6	* Apparent (dynamic) viscosity, determined using a Mini-Rotary Viscometer (MRV), at -35°C, cP, max.	60000	ASTM D 4684
7	*Sulphated ash, %, max.	1.2	ASTM D 874
8	Water content, %	nil	SR 13484 ASTM D 95
9	* Substances insoluble in organic solvents, %, max.	0.015	STAS 33
10	Pour point, °C, max.	-40	SR 13552 ASTM D 97
11	*Noack volatility, %, max.	15	STAS 8465 ASTM D 5800
12	*Active element content:	To be reported	STAS 8428 STAS 7717
13	Calcium, % Zinc, %		
14	Density at 20°C, Kg/m ³	To be reported	SR EN ISO 3675/C91 ASTM D 1298 ASTM D 7042
15	*Phosphorus content, %, max.	0.12	STAS 7330
16	Foaming properties, ml (tendency – stability), max. - at 24 °C - at 93.5 °C - at 24°C, after determination at 93.5°C	10 – 0 50 – 0 10 – 0	SR ISO 6247+C1 ASTM D 892

* This characteristic is warranted by means of the manufacturing technology / is determined in accordance with the technical specification in force.

- Accuracy evaluation of the test methods from this technical sheet should meet the requirements of Standard SR EN ISO 4259:2007 "Petroleum products – determining and applying the accuracy values regarding the test methods".
- Samples shall be taken in accordance with SR EN ISO 3170:2004/C91:2005 "Liquid petroleum products. Manual sampling".
- Packaging, marking, storage, transport and handling are performed according to the regulations in force (decisions, regulations, etc. specified in the product safety data sheet) and to LUKOIL LUBRICANTS EAST EUROPE S.R.L.'s instructions/internal procedures.
- For details, see the Safety Data Sheet (SDS).
- Storage life is of 5 years from the manufacture date.