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TECHNICAL SHEET
FULLY SYNTHETIC MOTOR OIL
LUKOIL GENESIS VN SAE 5W-30

- LUKOIL GENESIS VN SAE 5W-30 is fully synthetic multigrade high performance motor oil, with a low content of sulphated ash, phosphorus and sulphur ("Low SAPS" class), obtained from synthetic base oils (Groups III and IV) and last generation additives.
- LUKOIL GENESIS VN SAE 5W-30 is specially formulated for Volkswagen and Audi motor, also suitable for all VW group cars like Skoda vehicles, meeting the requirements of the VW 504 00 / 507 00 specifications, for very efficient Gasoline or Diesel engines equipped with exhaust emission after-treatment devices (Diesel particulate filters (DPF), three way catalysts (TWC)).
- It is very stable oil, which ensures and totally maintains engine performance, facilitates engine cold start, protects the environment and the exhaust gas post-treatment systems.
- Performance level /Meets the requirements: VW 504 00/507 00; ACEA: C3; MB-229.51; BMW Longlife-04; Porsche C30.
- Quality conditions, according to ST-74/2014:

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.	6	SR ISO 3771 ASTM D 2896
4	Flash point, open cup, °C, min.	220	SR EN ISO 2592 ASTM D 92
5	* Apparent (dynamic) viscosity, determined using the 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.	0.8	ASTM D 874
8	Water content, %, max.	nil	SR 13484 ASTM D 95
9	*Substances insoluble in organic solvents, %, max.	0.015	STAS 33
10	Pour point, °C, max.	-36	SR 13552 ASTM D 97
11	*Noack volatility, %, max.	10	STAS 8465 ASTM D 5800
12	*Active element content:		
13	Calcium, %	to be reported	STAS 8428
	Zinc, %	min. 0.04	STAS 7717
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.	0.07...0.09	STAS 7330
16	*Sulphur content, %, max.	0.3	SR EN ISO 8754 ASTM D 4294
17	Foaming properties, ml (tendency – stability), max.		
	- at 24 °C	10 – 0	SR ISO 6247+C1
	- at 93.5 °C	50 – 0	ASTM D 892
	- at 24°C, after determination at 93.5°C	10 – 0	

* This characteristic is warranted by means of the manufacturing technology / is determined according to 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.