

MOTOR OIL

Agrinol SAE 10W-40 CI-4 Low SAPS

Specification

According to international classification the oil comply with:

API CI-4 SAE 10W-40

ACEA E6, E7

Composition

Motor oil on a high quality semi-synthetic base. Contains additive package to ensure additional protection of vehicles powertrains.

Application area

Agrinol SAE 10W-40 CI-4 – is a universal **semi-synthetic** motor oil, **Low SAPS** category (with low content of Sulphated Ash, Phosphorus and Sulphur), for high-speed four-cycle engines with different types of fuel injection and supercharging (models from 2002 manufacturing year). For engines with systems of Exhaust Gase Recirculation (EGR).

Application temperature range is from **minus 25°C** to **40 °C**.

Key performance properties:

- meets strict requirements on ecology and toxicity of exhaust;
- meets new requirements, considering physical and chemical conditions of exhaust cleaning system;
- protects the engine from the formation of harmful deposits in the cylinders and at surfaces of pistons and piston rings;
- enhance performance of engine, which effect on fuel economy and noise level;
- compatible with material of glands and gaskets

Features

EURO-3, EURO-4.

Low SAPS.

Physical and chemical properties

Index name	Norm	Test methods
1 Density at 20 ⁰ C, kg/m ³ , not more than	0,890	GOST 3900
2 Kinematic viscosity at 100 ⁰ C, mm ² /s, within	13,0-16,5	DSTU GOST 33
3 Viscosity index, not less than	140	DSTU GOST 25371
4 Open cup flash point, ⁰ C, not lower than	210	GOST 4333
5 Pour point, ⁰ C, not higher than	Minus 32	GOST 20287
6 Mass fraction of mechanical impurities, %, not more than	0,015	GOST 6370
7 Mass fraction of water, %, not more than	Traces	GOST 2477
8 Color on CNT colorimeter, CNT units, not more than	2,5	GOST 20284
9 Total Base Number, mg KOH/g, not less than	9,5	GOST 11362
10 Mass fraction of the active elements: - calcium, %, not less than - zinc, %, not less than	0,2 0,09	GOST 13538
11 Sulfated ash, %, not more than	1,0	DSTU GOST 12417
12 Stability (according to induction period of sedimentation, 50 h)	Withstands	GOST 11063
13 Dinamic viscosity at minus 30 ⁰ C, mPA*s, not more than	7000	GOST 1929

Shelf life: 5 years from the manufacturing date.