

MOTOR OIL

Agrinol SAE 15W-40 CI-4 TS U 23.2-30802090-085:2009

According to international classification the oil comply with:

API CI-4 SAE 15W-40

Structure

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

Область применения

Agrinol SAE 15W-40 CI-4 is a universal motor oil on a **mineral base**.

Is intended for high speed four-stroke engines with different types of injection and turbocharging (model series from 2002). engines with EGR-exhaust gas recirculation system.

Operating temperature range: from **minus 25°C** to **40 °C**.

Key performance properties:

- meets rigid requirements on ecology and toxicity of exhaust gases;
- protects the engine from the formation of harmful deposits in the cylinders and at surfaces of pistons and piston rings;
- increases engine efficiency, whereby saves fuel and reduces noise;
- compatible with the materials of seals and gaskets;

Features

Euro-3, Euro-4

Physical and chemical properties

Index name	Norm	Test methods
1 Density at 20 ⁰ C, kg/m ³ , not more than	910	GOST 3900
2 Kinematic viscosity at 100 ⁰ C, mm ² /s, within	12,5-16,3	DSTU GOST 33
3 Viscosity index, not less than	120	DSTU GOST 25371
4 Open cup flash point, ⁰ C, not lower than	205	GOST 4333
5 Pour point, ⁰ C, not higher than	Minus 28	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	4,0	GOST 20284
9 Total Base Number, mg KOH/g, not less than	7,5	GOST 11362
10 Mass fraction of the active elements: - calcium, %, not less than - zinc, %, not less than	0,25 0,1	GOST 13538
11 Sulfated ash, %, not more than	1,5	DSTU GOST 12417
12 Stability (according to induction period of sedimentation, 30 h)	Pass	GOST T 11063
13 Corrosion on lead plates, g/m ² , not more than	10	GOST T 20502
14 Detergent properties on PZV unit, the scores, not more than	0,5	GOST 5726

Shelf life: 5 years from the manufacturing date.