

MOTOR OIL

Agrinol SAE 10W-40 SL/CF TS U 23.2-30802090-085:2009

According to international classification the oil comply with:

API SL/CF SAE 10W-40
ACEA A3/B3

Structure

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 SL/CF is a universal **semi-synthetic** motor oil all types of modern gasoline engines of cars and mini-busses including forced ones (multivalve, with the direct injection, turbocharging or intercooler).

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

Key performance properties:

- is designed taking into account the features of the modern cars' engines (high power and low volumes of engine oil);
- provides reliable lubrication and protection of engine in the long-term modes of loadings (driving at top speed on the highway, transportation of goods);
- protects the engine from the formation of harmful deposits in the cylinders and at surfaces of pistons and piston rings;
- is effective in dynamic modes (frequent speed ups and deceleration in city driving);
- provides stable high protective properties while running in the main period of engine operation;
- for mixed fleets.

Physical and chemical properties

| Index name | Norm | Test methods |
|---|--------------|-----------------|
| 1 Density at 20 ⁰ C, kg/m ³ , not more than | 905 | GOST 3900 |
| 2 Kinematic viscosity at 100 ⁰ C, mm ² /s, within | 12,5-16,5 | DSTU GOST 33 |
| 3 Viscosity index, not less than | 130 | DSTU GOST 25371 |
| 4 Open cup flash point, ⁰ C, not lower than | 200 | 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 | 3,0 | GOST 20284 |
| 9 Total Base Number, mg KOH/g, not less than | 9,0 | GOST 11362 |
| 10 Mass fraction of the active elements: - calcium, %, not less than - zinc, %, not less than | 0,28 0,11 | 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.