

MOTOR OIL

Agrinol SAE 5W-30 SM/CF

TS U 23.2-30802090-085:2009

According to international classification the oil comply with:

API SM/CF SAE 5W-30

ACEA A3/A5-01/B4/B5

Structure

Produced by special fully synthetic base oils. Contains a balanced additive package, providing additional protection for the power units of the automobile.

Application area

Universal **fully synthetic** motor oil of new generation **Agrinol SAE 5W-30 SM / CF**.

Fully synthetic fuel-saving motor oil 5W-30 API SM / CF for the lubrication of all gasoline and diesel engines (including turbocharged, multivalve, direct injection), as well as for cars and off-road vehicles, gas-fueled, in which must apply low viscosity and a low friction oil.

It is suitable for use in other vehicles which require the use of a class of oil API SM / CF

Operational temperature range from **minus 30 ° C to + 25 ° C.**

Key performance properties:

- Provides enlarged resource of exhaust catalysts and soot filters (DPF - Diesel Particulate Filter)
- Has a high level performance properties what guarantees the highest degree of protection and reliable engine operation at extreme types of driving (highlands mode "start-stop" sports style);
- «Long Life» oil used in engines with extended drain intervals
- Viscosity properties provide easy start at low temperatures (below -30 ° C) and stable lubrication under intensive operating conditions of the engine
- For mixed fleets.

Physical and chemical properties

Index name	Norm	Test methods
1 Density at 20 ⁰ C, kg/m ³ , not more than	880	GOST 3900
2 Viscosity: -Kinematic at 100 ⁰ C, mm ² /s, within -Dynamic at minus 30 ⁰ C mPa * s, not more	9,3-12,5 6600	DSTU GOST 33
3 Viscosity index, not less than	145	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 35	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	8,0	GOST 11362
10 Mass fraction of the active elements: - calcium, %, not less than - zinc, %, not less than	0,2 0,1	GOST 13538
11 Sulfated ash, %, not more than	1,2	DSTU GOST 12417
12 Stability (according to induction period of sedimentation, 40 h)	Pass	GOST T 11063
13 Corrosion on lead plates, g/m ² , not more than	None	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.