

TRANSMISSION OIL

Agrinol MULTIPLEX GL-5 SAE 90 Agrinol MULTIPLEX GL-5 SAE 80W TS U 23.2-36451680-153:2010

Oil matches international classification for standards:

API GL-5
SAE J306C 90

Composition

Mixture of mineral oils with the addition of the complex viscosity, extreme pressure EP (Extreme Pressure) and protective additives.

Application area

A series of mineral gear oils for the lubrication of modern transmissions, differentials, transfer boxes, hypoid rear axles and other transmission components of cars and trucks, off-road and special vehicles for which producer recommends use of lubricants quality level SAE90 API GL-5. They can be used year-round under extremely severe

operating conditions, including urban transport operation "Start-Stop".

Main performance characteristics

- Excellent thermal stability and resistance to high-temperature oxidation. resistance to mechanical degradation.
- Stable lubricating film that provides excellent protection against wear under any load, reducing transmission noise and high transmission efficiency at full load, ie even in very hot oil;
- High protection against corrosion, creep, high-scuffing, wear, due to the low speed / high load;
- high lubricating properties at low temperatures;
- Compatible with typical automotive seals and gaskets.

Physical and chemical properties

Index name	SAE 90	SAE 80W	Test methods
1. Density at 20 ⁰ C, kg/m ³ , not more than	915		GOST 3900
2. Kinematic viscosity: - at 40 ⁰ C, mm ² /s, not less - at 100 ⁰ C, mm ² /s, not less	200 18	55-80 -	DSTU GOST 33
3. Viscosity index, not less than	90		GOST 25371
4. Open cup flash point, ⁰ C, not less than	215	200	GOST 4333
5. Pour point, ⁰ C, not more than	Minus 25	Minus 30	GOST 20287
6. Mass fraction of mechanical impurities, %, not more than	0,01		GOST 6370
7. Mass fraction of water, %, not more than	None		GOST 2477
8. Mass fraction of active elements,%, not less: - phosphorus	0,04		GOST 9827
9. Tribological characteristic for 4-balls machine at (20±5) ⁰ C - scuff index, N, not less - Critical load, N, not less than - welding loading, not less than - Deterioration index with a load of 196N, mm, not more	600 980 4135 0,4		GOST 9490
10. Corrosion trial	pass		GOST 2917
11. The color on colorimeter CNT with 15:85, CNT unit, not more than	6,0		GOST 20284
12. Acid number, mg KOH / g, not more	1,2		GOST 5985

Guaranteed shelf life: 5 years from the date of manufacture.