

TRANSMISSION OIL

Transmission Gold SAE 80W-90 API GL-5 Transmission Silver SAE 85W-90 API GL-5

TS U 23.2-30802090-120:2009

Oil matches international classification for standards:

API GL-5
SAE J306C 80W-90 (Gold)
85W-90 (Silver)

Composition

A mixture of mineral oils and composition additives that refines viscous, antiscuff and protective characteristics.

Application area

A series of mineral transmission oils for the lubrication of mechanical transmissions with all types of gear, including hypoid. Can be used in axles and transfer boxes of cars, trucks and other mobile equipment operating under high thermal load, where the recommended oil level API GL-5 (TM-5).

Gold SAE 80W-90 GL-5 oil with high extreme pressure and antiwear properties.

Silver SAE 85W-90 GL-5 for areas with warm climates.

Recommended: PJSC "ZAZ"

Main performance characteristics

- Perfect temperature stability and durability to high-temperature corrosion.
- Stable operation of synchronizers;
- High protection against corrosion, creep, high temperature 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	Silver 85W-90 GL-5	Gold 80W-90 GL-5	Test methods
1. Density at 20 ⁰ C, kg/m ³ , not more than	910	910	GOST 3900
2. Kinematic viscosity at 100 ⁰ C, mm ² /s, within	17,5	17,5	DSTU GOST 33
3. Viscosity index, not less than	95	95	DSTU GOST 25371
4. Open cup flash point, ⁰ C, not less than	210	200	GOST 4333
5. Pour point, ⁰ C, not more than	Minus 15	Minus 20	GOST 20287
6. Mass fraction of mechanical impurities, %, not more than	None		GOST 6370
7. Mass fraction of water, %, not more than	None		GOST 2477
8. Mass part of sulfur, %	1,0	1,0	GOST 1437
9. Tribological characteristic for 4-balls machine at (20±5) ⁰ C			GOST 9490
- scuff index, N, not less	568	568	
- welding loading, not less than	3687	3687	
- deterioration index (Di) at 196N, mm, not more	0,4	0,4	
10. Corrosion trial	Pass		GOST 2917
11. The color on colorimeter CNT with 15:85, CNT unit, not more than	5,0	5,0	GOST 20284

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