

## TRANSMISSION OIL

### Transmission Classic SAE 80W-90 API GL-4

TS U 23.2-30802090-120:2009

*According international classifications the oil meets requirements:*

**API GL-4**  
**SAE J306C 80W-90**

#### **Composition**

A mixture of mineral oils and composition of additives that improve the viscosity, extreme pressure and protective properties.

#### **Application**

**Transmission Classic 80W-90 API GL-4** is a mineral gear oil for lubricating mechanical gearboxes of front-wheel drive cars and other mobile equipment,

including synchronizers, as well as axles with spiral-bevel and hypoid gears, where API GL-4 oils are recommended.

#### **Main operational properties**

- Excellent temperature stability and high temperature oxidation resistance;
- High protection against corrosion, slippage, high-temperature scuffing, wear due to low speeds / high loads;
- High lubricating properties at low temperatures;
- Compatible with typical automotive gaskets and seals.
- Excellent resistance to mechanical degradation ensures stable operation of synchronizers.

#### **Physical and Chemical Characteristics**

Index Name	80W-90 GL-4	Test Methods
1. Density at 20°C, kg / m <sup>3</sup> , not more than	910	GOST 3900
2. Kinematic viscosity at 100 ° C, mm <sup>2</sup> / s, not less	16,5	DSTU GOST 33
3. Viscosity index, not less	95	GOST 25371
4. Flash point in open cup, °C, not lower	200	GOST 4333
5. Pour point, °C, not higher	Minus 20	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 sulfur,%	0,8	GOST 1437
9. Tribological characteristics on the four-ball machine at (20 + 5) °C - scuffing index, N, not less than - welding load, N, not less than - wear index (196N), mm, not more than	490 3479 0,5	GOST 9490
10. Corrosive effect on metals	Withstands	GOST 2917
11. Color on CNT colorimeter with dilution 15: 85, unit CNT, not more than	5,0	GOST 20284

**Shelf-life** 5 years from manufacturing date.