

TSp-15K

Automotive Gear Oil

TSp-15K is high performance mild extreme pressure automotive gear oil specially designed for KAMAZ gearboxes and axle-drives. It is blended from highly refined mineral base oils and combined with extreme pressure and anti-wear additives plus oxidation and foam inhibitors to extend the life of gear components. TSp-15K is factory-fill oil in KAMAZ vehicles.

Applications

- Manual transmissions operating under moderate to severe conditions
- Spiralbevel axles operating under mild to moderate conditions of speed and load
- KAMAZ and YaMZ vehicles
- Construction, mining, quarrying, and agriculture equipment, requiring API GL-3 level performance
- Not recommended for use in automotive and heavy duty differentials where API GL-4 or API GL-5 gear oils are specified

Features	Advantages and Potential Benefits
Good anti-wear properties	Reduces wear, preventing failures to extend equipment life and reduces maintenance costs
Good thermal and oxidation stability	Reduced deposits and sludge build-up for extended gear and bearing life
Low foaming	Prevention of foaming for smoother lubrication
Compatible with common seal materials	Excellent leakages control

Meet the requirements:

- API GL-3

Approvals:

- KAMAZ
- YaMZ

Typical Characteristics

Properties	Method	TSp-15K
SAE Viscosity Grade	SAE J306	80W-90
Kinematic viscosity @100°C, mm ² /s	ASTM D445	15,3
Viscosity Index	ASTM D2270	94
Brookfield Viscosity @ -20°C, mPa·s	ASTM D2983	37 000
Flash Point (COC), °C	ASTM D92	237
Pour Point, °C	ASTM D97	-28
Density @20°C, kg/m ³	ASTM D4052	892
Tribological characteristics at 20°C, Four-Ball Method:		
Load-wear index, N	ASTM D2783	539
Weld point, N		3960
Wear Scar Diameter, mm		0,44

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.