

EKO GEAROL-4 MT 75W-80

Semi-synthetic, API GL-4 manual transmission lubricant

Description

EKO GEAROL-4 MT 75W-80 is a semi-synthetic, SAE 75W-80 gear lubricant for manual transmissions.

The formulation of the lubricant with high quality base oils and a package of state-of-the-art additives provides a strong lubricating film and excellent protection against wear even in conditions of high temperatures and high loads. The excellent fluidity characteristics of the lubricant at low temperatures provide smooth speed changes in low temperature conditions.

It is suitable for gearboxes, axles and final drives of passenger cars and commercial vehicles, where an API GL-4 lubricant of SAE 75W-80 viscosity grade is recommended.

Applications

- Manual gearboxes, axles and final transmissions requiring an API GL-4 lubricant of SAE 75W-80 viscosity grade.
- It is suitable for applications in passenger cars, buses and low and heavy-duty trucks.
- It is suitable for applications in off-road equipment used in construction, mines, quarries and farming.

Specifications

API GL-4

Advantages

- Excellent fluidity characteristics at low temperatures, resulting in increased protection from wear and smooth speed changes in low temperature conditions.
- High resistance to shear, which ensures the maintenance of a strong lubricating film throughout the oil's operation, even in conditions of high temperatures and heavy loads.
- Excellent load-carrying capability, resulting in increased protection of the transmission system.
- Excellent thermal stability and resistance to oxidation, which increases the useful life of the lubricant and maintains the cleanliness of the transmission system.
- Effective protection against corrosion and rust, resulting in better control of wear under difficult operating conditions.
- Reduction of the operating temperature, resulting in an increase in the lifespan of the lubricant and the equipment.

Typical Characteristics

Properties	Methods	Units	EKO GEAROL-4 MT 75W-80
SAE Viscosity Grade	-	-	75W-80
Appearance	Visual		Bright and Clear
Density, 15°C	ASTM D4052	g/ml	0.866
Kinematic Viscosity, 100°C	ASTM D445	cSt	10.1
Kinematic Viscosity, 40°C	ASTM D445	cSt	54
Viscosity Index (VI)	ASTM D2270	-	169
Brookfield Viscosity, -40°C	ASTM D2983	cP	46950
Pour Point	ASTM D5950	°C	-42
Flash Point, COC	ASTM D92	°C	218
Viscosity after shearing, 20 hours	CEC-L-45-A-99	cSt	Stays in grade

Health and safety

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

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