



TECHNICAL SPECIFICATIONS



EKO GEAROL SYNTHETIC SAE 75W-90

Premium synthetic automotive gear oil

DESCRIPTION

EKO GEAROL SYNTHETIC 75W-90 is a premium performance, fully synthetic heavy duty automotive gear oil, developed for total driveline applications, where either API GL-4 or API GL-5 performance is required.

It is suitable for the lubrication of heavy duty manual gearboxes, differentials, axles, final drives and universal joints in on- and off-highway applications.

SPECIFICATIONS

API GL-4/API GL-5, API MT-1, MIL-PRF-2105E, ZF TE-ML 02B, 05B, 07A, 08A, 12B, 16F, 17B, MAN 3342SL.

APPLICATIONS

EKO GEAROL SYNTHETIC 75W-90 is suitable for applications requiring API GL-4 or API GL-5 quality level, and so enables the use of one gear lubricant for manual transmissions, differentials and axles. It is particularly recommended for heavy duty manual gearboxes and hypoid axle units operating under conditions of high speed and shock load, high speed and low torque and low speed and high torque.

Applications include passenger cars, buses, vans, light and heavy duty trucks and off-road equipment used in constructions, mining and agriculture.

BENEFITS

- Meets both API GL-4 and GL-5 performance level, which enables use of one gear oil for total drive line applications and simplifies lubricants inventory.
- Provides superior high and low temperature performance versus mineral gear oils.
- Offers maximum protection under heavy load conditions, thus reducing operating and maintenance costs.
- Excellent protection against corrosion and rust which helps extend components life.
- Excellent fluidity at low temperatures, which allows easy start-up, minimizes wear and offers fuel economy potential.
- Exceptional frictional properties which help improve fuel economy.

The information provided from this data sheet is accurate as of the date printing. For more information/ clarifications, please contact EKO ABEE Technical Support,

Tel. + 30 210 5509 511, +30 210 7725 418.

For recommendations on safe handling and use of this product, please refer to Safety Data Sheet.



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- Outstanding thermal and oxidation stability compared to mineral gear oils, which reduces deposits and increases gear and bearing life.
- High viscosity index, which provides a stronger lubricating film at high temperatures compared to mineral gear oils.

TYPICAL PROPERTIES

Properties	Methods	Units	EKO GEAROL SYNTHETIC SAE 75W-90
SAE Classification	-	-	75W-90
Viscosity @100°C	ASTM D 445	cSt	14,6
Viscosity @40°C	ASTM D 445	cSt	102
Viscosity Index (VI)	ASTM D 2270	-	148
Density @ 15°C	ASTM D 4052	g/ml	0,865
Pour Point	ASTM D 5950	°C	-45
Flash Point, min	ASTM D 92	°C	220

HYGIENE AND SAFETY

Used lubricants must be collected in an authorized collection area. They must not be mixed with solvents, water, brake fluids and antifreeze. Do not dispose into drains, soil or water.

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