



## TECHNICAL SPECIFICATIONS



### EKO GEAROL-5 SAE 80W-90, 85W-140 Premium automotive gear oils

#### DESCRIPTION

EKO GEAROL -5 is a series of heavy duty gear lubricants which are available in 80W-90 and 85W-140 grades. These gear oils are developed for heavy duty manual transmissions, differentials, axles and final drives operating in extreme pressure and shock loading conditions, including hypoid gears operating at high speeds and shock loads, high speeds and low torques and low speeds and high torques.

EKO GEAROL-5 80W-90 and EKO GEAROL-5 85W-140 provide excellent performance in all applications requiring API GL-5 quality level.

#### SPECIFICATIONS

API GL-5, MAN 342 Type M2 (160.000 km drain), ZF-TE ML 05A / 07A / 12E / 16B / 16C / 16D / 17B / 19B.

#### APPLICATIONS

EKO GEAROL-5 gear oils are suitable for manual transmissions, axles and final drives, where API GL-5 gear performance is required, in applications including passenger cars, vans, light and heavy trucks and off-road equipment used in constructions, mining and agriculture.

They are suitable also for many industrial applications involving hypoid gears operating at high speeds and shock loads, high speeds and low torques and low speeds and high torques.

#### BENEFITS

- Increased load-carrying capability, which protects against wear and scoring and promotes longer equipment life and reduced maintenance costs.
- Superior oxidation and thermal stability which promotes extended bearing and gear life and longer oil-change intervals.

The information provided from this data sheet is accurate as of the date printing. Products formulations are subject to change without warning. For more information/ clarifications, please contact EKO ABEE Technical Support.

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

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



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- Excellent rust and corrosion protection, which helps reduce wear.
- Effective lubrication at low temperatures, which provides easy start up and minimizes start up wear.

#### TYPICAL PROPERTIES

Properties	Methods	Units	EKO GEAROL-5 SAE 80W-90	EKO GEAROL-5 SAE 85W-140
SAE Classification	-	-	80W-90	85W-140
Viscosity @100°C	ASTM D 445	cSt	14,3	26,7
Viscosity @40°C	ASTM D 445	cSt	137,4	372,4
Viscosity Index (VI)	ASTM D 2270	-	102	96
Density @ 15°C	ASTM D 4052	g/ml	0,898	0,91
Pour Point	ASTM D 5950	°C	-33	-24
Flash Point	ASTM D 92	°C	234	224
Brookfield Viscosity at -26°C	ASTM D 2983	cP	90.000	
Brookfield Viscosity at -12°C	ASTM D 2983	cP		82.400

#### 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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