

Technical Data Sheet (TDS)

GEAREX
SAE 90 GL-5
 Mineral

GEAREX is superior sulfur-phosphorus, extreme pressure gear lubricant formulated with premium quality base stocks, friction modifiers and corrosion inhibitors, meeting the requirements of API GL-5 as well as many other manufacturer specifications. These oils are formulated to produce a superior gear lubricant with extreme pressure characteristics and thermal stability for automotive applications over a wide range of temperatures and heavy-duty conditions

APPLICATION

GEAREX oils are mainly recommended for use in spiral bevel and hypoid differentials, power dividers and transmissions requiring EP gear lubes under high speed, high load, high torque and high horse power conditions. Meets or exceeds the quality requirements of numerous vehicle manufacturers such as IVECO, MAN, SCANIA and VOLVO for heavy vehicles rear axles and final drive units.

FEATURES & BENEFITS

- Extreme pressure properties protect hypoid and other types of gears from scuffing and wear.
- Superior thermal and oxidative stability
- High safety margin against foaming and corrosion
- Protects against oil seal deterioration

PERFORMANCE STANDARDS

- API GL-5
- MIL-L-2105D
- MAN 342 M2
- ZF 12E/16B/16C/17B/19B/21A

TYPICAL PROPERTIES

PARAMETERS	ASTM	UNIT	GEAREX SAE 90
Kinematic Viscosity @ 104°F / 40°C	D7042	cSt	201
Kinematic Viscosity @ 212°F / 100°C	D7042	cSt	17.6
Viscosity Index (min)	D2270	-	94
Density @ 15°C / 60°F	D4052	g/cm3	0.898
Flash Point (min)	D92	°C	232
Pour Point(max)	D97	°C	-11

HEALTH & SAFETY, ENVIORMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the enviornment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS on our wevbsite: www.fubex.net

HEALTH & SAFETY:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. products should never be stored above 60°C, or exposed to hot sun or freezing conditions.

PROTECT THE ENVIRONMENT

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.