

## PRODUCT DATA SHEET

### Manual Transmission Oil

SAE 90 & 140 API GL-4

#### Description:

**Manual Transmission Oil SAE 90 and SAE 140 API GL-4** are mono grade hypoid-gear oils for all types of gearboxes and transmissions of motor vehicles where the quality level API GL - 4 and viscosity grades SAE 90 or SAE 140 are required. The oils can be used for the lubrication of gear units in different industries where the recommended oil is one with mild EP additives.

#### Benefits:

- Excellent high load-carrying capacity
- Exceptional oxidation stability
- Good corrosion protection
- Low tendency to form foam
- Good anti-wear properties

#### Application:

**Manual Transmission Oil SAE 90 & 140 API GL-4** is suitable for the lubrication of manual transmissions, differential and steering gears in motor vehicles, which require EP transmission fluid according to manufacturer specifications.

#### Typical Characteristic:

PARAMETERS	UNIT	Specification		TEST METHODS
		<b>90</b>	<b>140</b>	
Density @ 30°C	Kg/L	0.88	0.89	ASTM D4052
Kinematic Viscosity @ 100°C	mm <sup>2</sup> /s	16 – 20	26 - 32	ASTM D7042
Viscosity Index	-	Min. 95		ASTM D2270
Flash Point	°C	Min. 180		ASTM D93

**Product Performance Claim:**

API GL-4  
MIL-L-2105D

**Safety Information:**

**Manual Transmission Oil SAE 90 and SAE 140 API GL-4** are unlikely to present any significant health or safety hazard when properly used in recommended application and if good standards of industrial and personal hygiene are maintained.

- **Eye:** If irritation or redness develops, flush eyes with clean water. If symptoms persist, seek medical attention.
- **Skin:** Wipe material from skin and wash with mild soap and clean water. If irritation or redness develops, seek medical attention.

**Storage:**

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should be kept in a cool, dry, well ventilated place not above 60 degree Celsius.

**Protect the Environment:**

Dispose used oil to an authorized collection point in compliance to the local authority regulation. Do not discharge used oil into drains, soil or water.