



SHIFT MINERAL

PRODUCT DESCRIPTION:

Shift Gear Oils GL-1 are rust and oxidation inhibited gear oils that are recommended for many automotive and industrial equipment where the equipment manufacturer recommends the use of a straight mineral oil with SAE viscosity grades 90 or 140. These gear oils are also suitable for lubrication of many types of equipment where copper or bronze is present and susceptible to attack by oils containing sulfur-phosphorus compounds.

APPLICATION:

Shift Gear Oils GL-1 meet the requirements of API Service Category GL-1.

FEATURES & BENEFITS:

- Good lubricant film
- Excellent rust protection
- Good anti-foam protection
- High viscosity index
- Good oxidation stability

PERFORMANCE LEVELS: Meets or Exceeds

- API GL-1

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	SHIFT	
Grade			90	140
Kinematic Viscosity @ 104 °F / 40 °C	ASTM D7042	cSt	TBR	TBR
Kinematic Viscosity @ 212 °F / 100 °C	ASTM D7042	cSt	17.6	28.5
Viscosity Index	ASTM D2270	-	95	95
SP. Gravity @15°C/ 60°F	ASTM D4052	g/cm ³	TBR	TBR
Flash Point (min)	ASTM D92	°C	200	200
Pour Point (max)	ASTM D97	°C	-12	-12

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

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

STORAGE:

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, exposed to hot sun or freezing conditions.

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