



**MAXSHIFT**

**MINERAL GEAR OIL**

**PRODUCT DESCRIPTION:**

MAXSHIFT Gear Oils GL-1 are high-quality rust and oxidation-inhibited gear oils, ideal for automotive and industrial applications where straight mineral oil with SAE viscosity grades 90 or 140 is recommended. These oils are particularly suited for equipment containing copper or bronze components, as they avoid the use of sulfur-phosphorus additives that can cause damage. MAXSHIFT GL-1 oils ensure reliable lubrication and protection for a variety of machinery and equipment.

**APPLICATION:**

MAXSHIFT 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              | MAXSHIFT |      |
|---------------------------------------|-------------|-------------------|----------|------|
|                                       |             |                   | 90       | 140  |
| 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   |
| Density@15°C/ 60°F                    | ASTM D4052  | g/cm <sup>3</sup> | TBR      | TBR  |
| Flash Point (min)                     | ASTM D92    | °C                | 200      | 200  |
| Pour Point (max)                      | ASTM D97    | °C                | -12      | -12  |

**DISCLAIMER:** The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

**HEALTH & SAFETY, ENVIRONMENT:**

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at [www.internal.net](http://www.internal.net).

**PROTECT THE ENVIRONMENT:**

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