



TRUE-FLO GL-1
SAE Mineral Gear Oil

Straight Mineral Gear Oils
For Non-EP Gear Applications; Heat Transfer Fluids



REV: 08.20.2024



DESCRIPTION

Xtreme™ True-Flo GL-1 SAE Gear Oils are blends of highly refined bases stocks and foam inhibitors. These oils are suitable for use in automotive and industrial gearboxes and manual transmissions where all mineral, non-EP gear oils where API service GL-1 gear oils are recommended. Xtreme™ True-Flo GL-1 Gear Oils are commonly used in industrial gear boxes where loads do not require EP additives. They make excellent heat transfer fluids, are non-foaming and compatible with all brass and bronze bearings.

Xtreme™ True-Flo GL-1 Gear Oil is not recommended for use in automotive and heavy duty differentials using offset spiral bevel (hypoid) gear sets. Use API GL-4 or API GL-5 gear oils for those applications.

BENEFITS

- ❑ Provide a thick hydro-dynamic film between gears
- ❑ Outstanding resistance to foaming
- ❑ Excellent film strength at high operating temperatures
- ❑ Prevents corrosion of copper and brass
- ❑ Excellent heat transfer properties to keep gearsets cool

APPLICATION

- Gearboxes where EP properties are not required
- Transmissions using straight cut gears
- Gear reducers where a non-EP gear lubricant is specified
- NOT recommended for modern automotive, farm, construction, logging, or heavy duty differentials using offset ring and pinion gears.

PERFORMANCE LEVELS

- GL-1 Straight mineral gear oils

TYPICAL PROPERTIES	METHOD	SAE 90	SAE 140	SAE 250
Specific Gravity at 15.6°C	D-1298	0.8855	0.8927	0.9019
Viscosity, cSt at 40°C	D-1298	186.00	475.70	985.20
Viscosity, cSt at 100°C	D-445	15.20	32.01	66.00
Viscosity Index	D-445	78	98	131
Flash Point, COC °C (°F)	D-2270	235 (455)	248 (478)	200 (392)
Pour Point, °C (°F)	D-92 D-97	-12 (-10)	-10 (-14)	-
ML Reference No.		573838	574848	570830



NOTE:

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact Martin Lubricants Technical Service Department.

Health And Safety Information See separate Safety Data Sheets available on request.

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