

SHIFT GL-1 series

Description

Mono-grade gear oils for gear boxes and differentials operating at mild load/low speed conditions. Vertex GL-1 series help provide long life for gears and bearings in gear cases where OEM recommends the use of a straight mineral oil.

Application

VERTEX GL-1 Series is suitable for many times of lubrication especially for gearboxes and transmissions with low requirements.

Operation Characteristics

- Protection of metal parts from rust and corrosion.
- Resistance to oxidation at high temperatures.
- Provides resistance against foaming.
- Excellent dispersion of lubricant on metal surfaces.
- Very good performance at low temperatures.

Specifications, Approvals, Recommendations

API GL-1

Typical Physical Characteristics

	ASTM	80W	90	140
SPECIFIC GRAVITY (kg/ltr)	D 1298	0,884	0,891	0,902
VISCOSITY AT 40°C (cSt)	D 445	71	173	373
VISCOSITY AT 100°C (cSt)	D 445	8,9	16,0	26,5
VISCOSITY INDEX	D 2270	97	95	95
FLASH POINT (°C) min.	D 92	230	250	260
POUR POINT (°C)	D 97	-24	-18	-18

These are typical values. Small variation should be expected for future productions / blendings

Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.