

SHIFT GL-5 series

Description

Multi-grade gear oils for gear boxes, transaxles and hypoids operating under high loads. They provide resistance to shear and outstanding wear protection. Suitable for highly loaded gears.

Application

Suitable for synchronized and non-synchronized gearboxes, transfer boxes, hypoid gear axles of all types of vehicles and construction machinery. Designed to operate in high speed/low torque, and low speed/high torque conditions.

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.
- Very good performance for long-term mechanical stress.
- Excellent extreme pressure properties.

Specifications, Approvals, Recommendations

API GL-4/GL-5/MT-1, MIL-L-2105D

Typical Physical Characteristics

	ASTM	80W-90	85W-140
SPECIFIC GRAVITY (kg/l)	D 1298	0,895	0,901
VISCOSITY AT 40°C (cSt)	D 445	151	345,0
VISCOSITY AT 100°C (cSt)	D 445	15,0	25
VISCOSITY INDEX	D 2270	99	97
FLASH POINT (°C) min.	D 92	220	248
POUR POINT (°C)	D 97	-27	-24

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.