

SHIFT MTL 75W90

Description

Semi-synthetic gear lubricant for synchronized manual transmissions of commercial vehicles and passenger cars. It offers excellent gear engagement, wear protection, fuel economy and long drain intervals.

Application

Shift MTL 75W90 is designed for harsh operating conditions for synchronous or non-synchronized gearboxes for drive systems, sub-axles, intermediate gearboxes of high-performance vehicles. It is designed for resistance to sudden load variations and low-speed, high-speed, low-pressure functions.

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.

Specifications, Approvals, Recommendations

API GL-4, MB 235.5, ZF TE-ML 02D/08, MAN 341 Z1 & Z2, IVECO, EATON, API GL4/MT1

Typical Physical Characteristics

	ASTM	75W-90
SPECIFIC GRAVITY (kg/l)	D 1298	0,866
VISCOSITY AT 40°C (cSt)	D 445	100
VISCOSITY AT 100°C (cSt)	D 445	15
VISCOSITY INDEX	D 2270	157
FLASH POINT (°C) min.	D 92	215
POUR POINT (°C)	D 97	>-35

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.