

SHIFT TDF 75W90

Description

Premium synthetic, long life total driveline fluid for heavy duty manual transmissions and axles. Suitable for use in commercial vehicles, passenger cars, buses and construction machinery. It provides ultimate protection and fuel economy.

Application

Shift TDF 75W90 is designed for operating in hard conditions in gearboxes, synchronized or unsynchronized gear engagement for powertrain hypoid drive shafts, intermediate gearboxes of high demand vehicles. It is designed for resistance to sudden load changes and low modes speed high-pressure, high-speed low-pressure.

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 GL4/GL-5/MT-1, MB 235.8, MIL-PRF-2105D, MIL-PRF-2105 E, ZF TE-ML 02B, 05B, 07A, 08, 12B,16F,17B, ZF TE-ML 07B/19C/21B ,MAN 341 Z2, MAN 342 M2, Volvo 1273.10, Iveco, Eaton Long Drain (300.000 km), SCANIA STO 1:0 box, MAN 3343 Type S (ex. SL) / MAN 341 Type E3

Typical Physical Characteristics

	ASTM	75W-90
SPECIFIC GRAVITY (kg/l)	D 1298	0,865
VISCOSITY AT 40°C (cSt)	D 445	102
VISCOSITY AT 100°C (cSt)	D 445	14,6
VISCOSITY INDEX	D 2270	148
FLASH POINT (°C) min.	D 92	220
POUR POINT (°C)	D 97	>-42

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.