



Transmax Universal LL 75W-90

Universal Fluid for manual transmissions and axles

Description

Castrol Transmax Universal LL 75W-90 formulated with Smooth Drive Technology™ is a full synthetic multi purpose manual transmission and final drive lubricant. It may be used in synchronised manual transmissions and final drives / differentials of a wide range of vehicles (commercial vehicle, construction equipment) where API GL-4 or API GL-5 fluids are required and it carries a number of approvals.

Advantages

- A single product for transmissions and final drives reducing inventory and the potential for misapplication.
- Excellent low temperature fluidity provides improved shift quality and wear protection in cold conditions and improves fuel efficiency.
- Superior high temperature stability and excellent wear protection even in the most arduous conditions prolongs equipment life and allows for extended drain intervals.
- Full compatibility with conventional mineral oils and seals allows this product to be used in a wide range of applications.

Typical Characteristics

Name	Method	Units	Transmax Universal LL 75W-90
Density @ 15C, Relative	ASTM D4052	g/ml	0.8665
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	15
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	104
Viscosity Index	ASTM D2270	None	154
Viscosity, Brookfield @ -40C (75W)	ASTM D2983	mPa.s (cP)	67000
Pour Point	ASTM D97	°C	-51
Flash Point, COC	DIN-ISO 2592	°C	202

Product Performance Claims

API GL-4/GL-5/MT-1

SAE J2360

MAN 341 Z2

MAN 342 S1

MB-Approval 235.8

Scania STO 1:0

ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B, 19C, 21A

Eaton Europe (Approved for 300,000km drain - synchronised manual transmissions)

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