



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 OEM 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, 342 S1, MB-Approval 235.8,
Scania STO 1:1G, STO 2:0A FS,
Volvo 97312,
ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B, 19C, 21A

Additional Information

Transmax Universal LL 75W-90 is registered under the following ZF approval numbers: ZF002144

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