



PRODUCT DATA SHEET

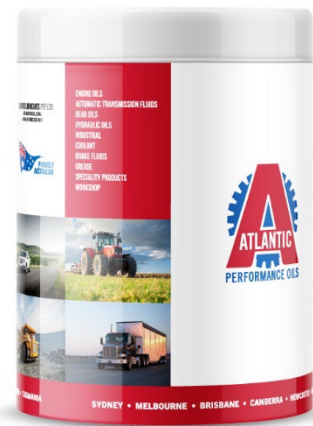
ATLANTIC TRANSFLUID 450 SYNTHETIC

Product Description:

Atlantic Transfluid 450 Synthetic is a Poly Alpha Olefin (PAO) based heavy duty transmission fluid designed for extreme service applications. Transfluid 450 Synthetic offers significantly better protection and performance over mineral based fluids. It provides extended drain capabilities, superior oxidation & temperature stability and superior frictional performance which ensures maximum component life. Transfluid 450 synthetic is recommended for Eaton Roadranger and Meritor on-highway transmissions especially those exceeding 1,850 Ft Lbs of torque.

Features and Benefits:

- Excellent oxidation stability
- Outstanding wear protection
- Offers extended drain capabilities
- Protect against rust and corrosion
- Superior frictional performance
- Excellent seal compatibility
- Suitable for on & off road applications



Typical Data:

Test Description	Method	Units	Results
ISO Viscosity Grade	-	-	50
Density @ 15°C	ASTM D 4052	kg/L	0.887
Viscosity, Kinematic @ 40°C	ASTM D 445	cSt	131.2
Viscosity, Kinematic @100°C	ASTM D 445	cSt	17.1
Viscosity Index	ASTM D 2270	-	142
Flash Point	ASTM D 93	°C	220
Pour Point	ASTM D 97	°C	-18

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PACK SIZE	TRANSFLUID 450 PRODUCT CODE
20 Litre	TTS45002
60 Litre	TTS45003
205 Litre	TTS45004
1000 Litre	TTS45005



Specifications/ Performance Levels:

- **SAE:** 50
- **API:** MT-1
- **Eaton:** PS-164 Rev 7
- Eaton extended drain
- **International:** TMS 6816
- **Mack:** TO-A Plus
- Meritor 0-81
- **ZF:** Freedomline
- Spicer Transmission Extended Drain
- Dana synchronised and non- synchronised transmissions



All recommendations for the use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility, therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

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8 June 2022

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