



LUBRICANTS

Product Data Sheet

Transcrest® Synthetic HD ATF

Premium Heavy Duty, Extended Drain Automatic Transmission Fluid

Full synthetic heavy-duty automatic transmission fluid formulated to deliver the highest performance in most modern truck and bus transmissions operating under severe service conditions. It has been engineered to meet the demanding performance requirements of **Allison's TES-295** and **Allison TES-389** specifications. Formulated with high performance additive technology that helps provide optimal frictional properties, outstanding film strength and excellent low temperature performance. It has proven to stand up to extended drain intervals under most harsh operating conditions.

Features and Benefits

- Full synthetic provides excellent low temperature properties
- Superior anti-wear protection and highly shear stable synthetic components
- Excellent sludge and varnish resistance promote clean trouble-free performance
- Improved friction properties provide smooth shifting throughout service life of transmission

Applications

- ZF Ecomat Transmissions
- Voith DIWA Transmissions
- Off-highway applications where a Allison C-4 fluid is specified
- General Motors DEXRON® III, Ford MERCON® and MERCON® V operating under heavy loads
- Fully automatic transmissions operating in severe conditions where extended drain service is required such as transit buses, school buses, recreational vehicles, refuse and commercial utility vehicles

Typical Properties

Product Code	Test Method	330045
Kinematic Viscosity, cSt @ 40°C	ASTM D-445	37.0
Kinematic Viscosity, cSt @ 100°C	ASTM D-445	7.4
Viscosity Index (calculated)	ASTM D-2270	167
Brookfield Viscosity, cP @ -40°C	ASTM D-2893	11,400
FZG Gear Wear Test, Failure Load Stage	FZG	12
Pour Point, °F	ASTM D-97	-52
Color	Visual	Red

Typical values shown are representative of current production and may vary within modest range

Note: Transcrest® Synthetic HD ATF is highly suitable for Allison TES-389 standard drain and Allison TES-295 extended drain service; however, it is not OEM approved by Voith, ZF or Allison for these applications. Recommendations are based on field performance and laboratory analysis against OEM fluid specifications.

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