

UNITED ATF T668

Product Description

Fully Synthetic Automatic Transmission Fluid for Allison TES 668® applications, built directly on the proven field history of legacy TES 295® technology. It is the next generation fluid recommended by Allison for on-highway products, including hybrids, while maintaining the extended drain intervals of TES 295®. By actively improving component protection, it serves as the ideal and recommended upgrade for fleets transitioning away from older TES 295®, TES 389®, and TES 468™ fluids.

This advanced fluid offers long service life, lower maintenance cost and hardware reliability, achieved via advanced anti-wear protection and enhanced oxidative stability to prevent fluid degradation and maintaining critical film thickness over extended drain intervals. It also features highly robust friction modifier durability to provide superior anti-shudder performance, ensuring consistently smooth gear shifting and optimal power transfer.

Applications / Benefits

- * Proven evolutionary technology
- * Extended drain performance
- * Reduced operational costs
- * Smooth power transfer

Typical Characteristics

Test Description	Method	Unit	
Density @ 15 °C	ASTM D 4052	kg/L	0.852
Flash Point	ASTM D 92	°C	202
Pour Point	ASTM D 97	°C	-42
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	34.1
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	6.9
Viscosity Index	ASTM D 2270	-	168

Specifications, Approvals & Recommendations

* ALLISON	TES 668®
* ALLISON	TES 295®
* ALLISON	TES 389®
* ALLISON	TES 468™
* DAIMLER	DTFR 13C190 (PREVIOUSLY MB 236.92)
* DANA	OHTM ATF-X
* MAN	339 Type V1
* VOITH	H55.6335.XX
* VOITH	DIWA SERVICE BULLETIN 013/118 - STANDARD DRAIN (36,000 MILES)
* VOLVO	97340
* VOLVO	97341

Suitable For The Following Uses

* FORD	P/N XT-2-QDX / P/N XT-5-QM
* GM	D-IIIH / IIIG / IID
* JASO	M315 TYPE 1A

Reference No.
TA0015G3TES668REV0

Last revised date:
23/6/2026