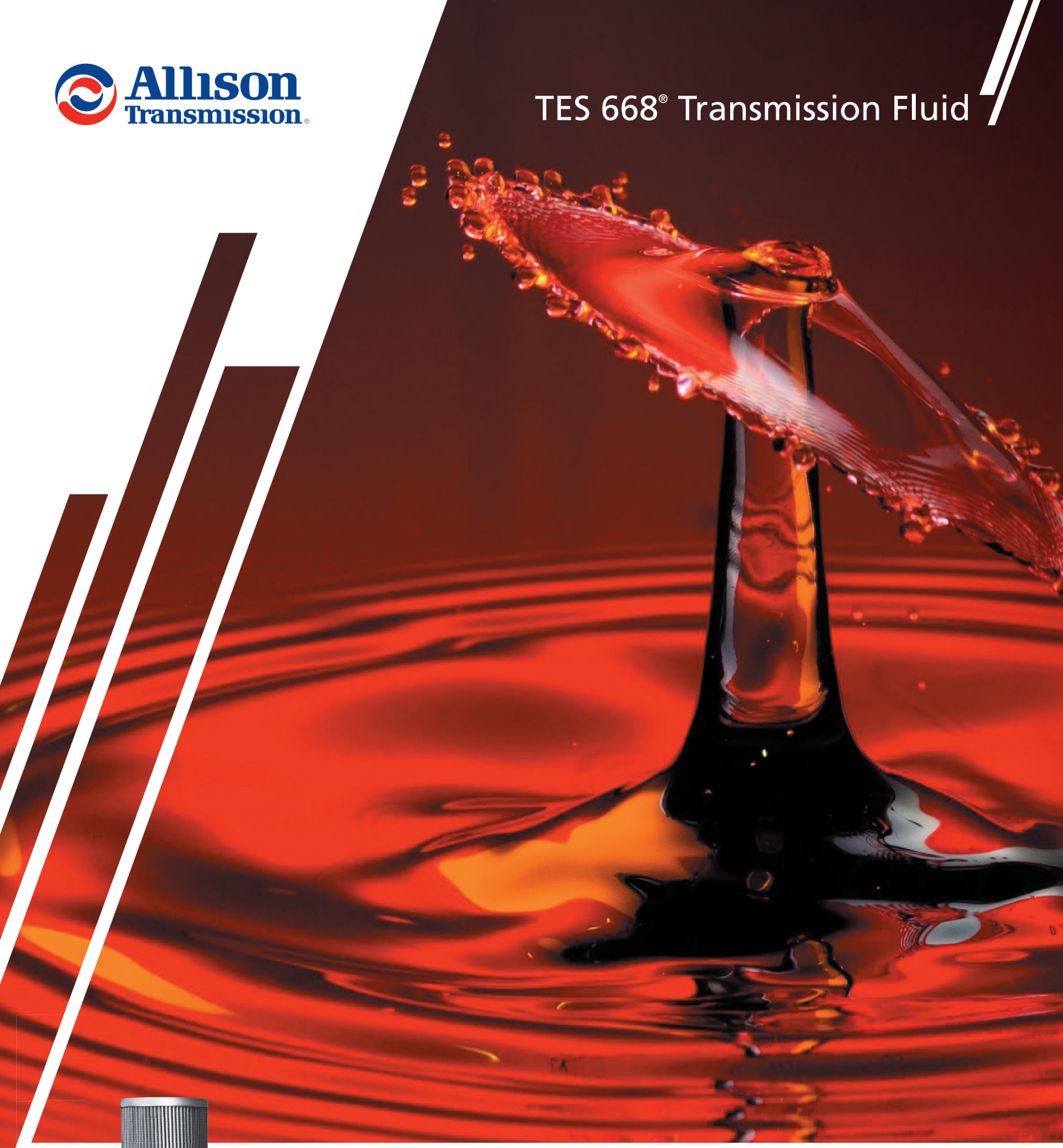
Allison Transmission®

TES 668® Transmission Fluid



Harness The Power of Genuine

Genuine Protection, Durability + Reliability

Quality From Start to Finish

Since Allison Transmission's beginning, our founder, James A. Allison, stated that quality is first and foremost. In fact, Allison became the world's leading producer of medium- and heavy-duty fully automatic transmissions through proven quality from start to finish. Our work doesn't stop when an Allison transmission leaves the factory—we work to maintain the value and quality of an Allison transmission over its life by approving transmission fluids that are comprehensively tested to comply with Allison product standards.

The Next Generation: TES 668®

Allison Transmission announces a new formulation of its high-performing transmission fluid. Allison TES 668® Approved Fluid is a modern formulation with many advantages compared to mineral-based, non-synthetic fluids. This next generation transmission fluid is specified for all Allison 1000 Series™, 2000 Series™, 3000 Series™, 4000 Series™ automatic transmissions and H 40/50 EP™ Hybrid Series.

TES 668 improves upon mineral-based fluids in a number of key areas, such as oxidative stability, anti-wear performance and friction modifier durability. These factors improve the quality of the shifts and reduce the noise, vibration and harshness experienced as mineral-based fluid ages. Better friction performance provides more consistent clutch application—even across temperature variations and load sizes.

The robust formulation of TES 668 meets the most demanding specs related to fluid stability, lubrication and cold operation. This allows Allison to support long drain intervals, even when operating under heavy loads. TES 668 is specified for Allison products to ensure ideal operation. There are a range of durability problems that come from using an unapproved fluid in an Allison product, including seal and friction issues. Using Allison Approved transmission fluids distributed from an Allison Authorized Distributor or Dealer is key to optimum performance and the long-lasting durability of Allison's products.

Only The Best

Because Allison transmissions are of the highest quality, they deserve superior fluids. Allison TES 668® Approved Fluid keeps your transmission running like an Allison should. Just like the Allison Automatics themselves, the TES 668 specification takes advantage of the latest developments in fluid formulation technology. TES 668 builds on the proven 20-year record of TES 295® fluids by delivering the same great performance with a modern additive package. TES 668 also provides a streamlined approach to aftermarket approvals which allows broader availability of Allison Approved Fluids to end users. Due to the high level of quality, TES 668 meets the needs to be used in combination with the Allison Extended Transmission Coverages (ETC).

Benefits of TES 668®

Features + Benefits	TES 668®	Mineral-Based Fluids
Compatibility	✓	✓
Durability	✓	✓
Lower Operating Expenses	✓	✓
Backed By an Allison Factory Warranty	✓	✓
Supported by Allison Authorized Service Network	✓	✓
Better Shift Quality	✓	
Improved Friction Performance	✓	
Improved Anti-Wear Performance	✓	
Longer Lasting Anti-Shudder Agent	✓	
Cold Performance	✓	
Extended Drain Intervals	✓	
Enhanced Transmission Performance	✓	
Offers Optimum Transmission Protection	✓	

How To Know It's Genuine?

Allison takes its fluids reputation seriously. Only after an oil meets the Allison standards, we give it our badge of approval and a designated approval number. Allison Approved oils will carry our badge on the bottle, as seen to the right, and with the approval number, for example 668-10002020.

We've Got It All

From on-highway to off-highway vocations, we have a current listing of all Allison Approved Fluids for each application. Visit our website to see our entire list of fluids at **allisontransmission.com/fluids**.

Allison TES 668®

A World of Support

From our headquarters in Indianapolis, Indiana, USA, to our manufacturing plants in Hungary and India, to more than 1,400 Allison Authorized Distributors and Dealers around the globe, you are never far from the products, training, service and support you demand.

Our support starts from the moment an Allison transmission is specified. We work with you to ensure that the model and ratings fit your engine to create a tailored package of powerful performance and reliable efficiency. When you need parts or service, you can count on global access to factory-trained specialists and Allison Genuine Parts™.

One Allison Way
Indianapolis, Indiana USA 46222-3271

Information or specifications subject to change without notice or obligation.

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