PHILLIPS 66 LUBRICANTS

Triton® 668 ATF

Allison TES-668 Approved Premium Synthetic, Heavy-Duty, Automatic Transmission Fluid

Phillips 66® Triton 668 ATF is a full-synthetic heavy duty automatic transmission fluid designed for truck and bus transmissions operating under severe conditions or in extended drain intervals. Triton 668 ATF is designed for use where the OEM specifies a fully approved Allison TES-668 fluid.

Triton 668 ATF offers excellent shear stability and high load-carrying ability, safeguarding against viscosity breakdown and wear. It provides superior oxidation resistance and thermal stability to minimize sludge and varnish formation. Its excellent friction durability ensures smooth shifting and optimal transmission performance throughout the fluid's lifespan. With outstanding low-temperature properties, Triton 668 ATF is suitable for year-round use and protects against rust and corrosion.

Applications

- Heavy-duty automatic transmissions in trucks and buses in extended drain or severe service, such as in intracity transit buses, intercity tour coaches, school buses, emergency vehicles, recreational vehicles, refuse vehicles and commercial utility vehicles

Triton 668 ATF is OEM-approved for service fill in:

- Allison automatic transmissions where a TES-668 approved fluid is specified (Approval No. 668-10182021, 668-10602026)

Features/Benefits

- Excellent friction durability for smooth shifting throughout the service interval
- Outstanding oxidation resistance and thermal stability for long fluid life
- Protects against sludge and varnish formation
- Protects against wear
- High shear stability maintains fluid integrity across the service interval
- Protects against rust and corrosion
- Outstanding low-temperature properties for easier shifting in cold weather
- Good seal compatibility and foam resistance
- Back-serviceable to Allison TES-295 applications and earlier

KEEPING THE WORLD RUNNING SMOOTHLY.

LUBRICANTS

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Typical Properties	
Specific Gravity @ 60°F	0.85
Density, lbs/gal @ 60°F	7.09
Color, Visual	Red
Flash Point (COC), °C (°F)	203 (397)
Pour Point, °C (°F)	-51 (-59)
Viscosity, Brookfield	
cP @ -40°C	11,700
Viscosity, Kinematic	
cSt @ 40°C	33.7
cSt @ 100°C	6.9
Viscosity Index	170
Zinc, wt %	<0.0006

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via https://www.phillips66.com/sds.

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Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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