



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

## CONVOY HD ATF 668 (Full Synthetic)

Last updated: 20/03/2025 11:51 am

PRODUCT CODE	PACK SIZE	CARTON QTY
HDATAF668020	20L	
HDATAF668205	205L	

### PRODUCT BENEFITS

**CONVOY HD ATF 668** is full-synthetic, heavy-duty automatic transmission fluid designed for use in truck and bus transmissions operating under severe service conditions and extended drain intervals. It has superior shear stability and load carrying ability to protect against viscosity breakdown and wear protection. It has excellent oxidation resistance and thermal stability to minimize the formation of sludge and deposits as well as outstanding durability to ensure smooth shifts for the life of the fluid.

### APPLICATION

**Convoy HD ATF 668** is recommended for use in automatic transmissions in trucks, buses and other commercial vehicles operating in severe or extended drain service, where Allison TES 668 is specified. It is backward compatible and may also be used in transmissions specifying Allison TES 295, Allison TES 389 and TES 468. It may also be used in hybrid transmissions that specify an Allison TES 468 Fluid.

Use in Allison 1000 Series™, 2000 Series™, 3000 Series™, 4000 Series™, H 40/50 EP™ and eGen Flex™ Series on-highway models. It can also be used where ZF TE ML 14B/C transmission fluid is specified. It may also be used in light duty applications specifying JASO M315 1A, DEX IIIH or MERCON fluid.

### PRODUCT BENEFITS

- **EXCELLENT** friction durability for smooth shifting throughout the service interval
- **OUTSTANDING** oxidation resistance and thermal stability for long fluid life
- **PROTECTION** against wear, sludge, deposits and varnish formation
- **HIGH SHEAR STABILITY** to prevent viscosity loss and oil breakdown
- 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

### PRODUCT PERFORMANCE LEVELS

- Allison TES 668
- DTFR 13C190
- MAN 339 V1
- Voith H55.6335.xx
- Volvo 97341

### SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED

#### (FOR OUT OF WARRANTY SERVICE)

- Allison TES 295
- Allison TES 389
- Allison TES 468

### TYPICAL DATA

Colour	Red
Density at 15°C, kg/L	0.85
Viscosity, Kinematic, cSt at 40°C	33
Viscosity, Kinematic, cSt at 100°C	6.8
Viscosity Index	123

