# **AUTOMATIC TRANSMISSION FLUIDS**



# MULTIVEHICLE HD SYNTHETIC AUTOMATIC TRANSMISSION FLUID

Multivehicle HD Synthetic Automatic Transmission Fluid is formulated using high viscosity index synthetic base oils and advanced multi-functional additives. It is suitable for use in the automatic transmission systems of heavy duty commercial vehicles that require DEXRON VI, Allison TES 295, and Voith Turbo where it allows extended drain intervals, even under severe service conditions. Multivehicle HD Synthetic Automatic Transmission Fluid also meets the requirements of most Asian automatic transmissions such as Aisin and Diamond, and many other European and North American specifications.



### FEATURES AND BENEFITS

**Outstanding oxidation stability,** thermal stability and detergency ensure long fluid life, prevent the build up of deposits, and allow for extended drain intervals.

**Excellent frictional characteristics** that improve transmission efficiency and shifting performance, and ensure consistent, reliable, trouble-free operation of transmission systems.

**Superior anti-wear performance** and good oil film strength protect components from wear and ensure long transmission life.

**Effective control of foaming** ensures smooth transfer of power and shifting performance, and reduces fluid loss in severe service conditions.

**Low temperature properties** protect against wear under cold start-up and running conditions.

Meeting a wide range of manufacturer specifications to minimise inventory.

**Fully compatible with common seal materials** found in transmission systems, to extend seal life and prevent fluid leakage.

## RECOMMENDED APPLICATION

- On and off-highway heavy duty automatic transmission where GM DEXRON<sup>®</sup> VI / III-H or Allison TES 295 quality fluid is required.
- Automatic transmission systems of commercial vehicles, including bus rapid transit (BRT) fleets, school bus fleets, emergency vehicles, recreation vehicles and commercial utility vehicles, where extended drain intervals are required.
- Passenger cars automatic transmission.
- Power steering and hydraulic systems in light and heavyduty vehicles.
- Hydrostatic drives and hydraulic power transmission systems in industrial, agricultural, mining and marine applications where a GM DEXRON<sup>®</sup> III-H, II-D or Ford MERCON<sup>®</sup> quality fluid is specified.

#### SPECIFICATION AND APPROVAL

Allison	C-4, TES 295
Voith	H55.6335.XX (G607)
GM	$DEXRON^{\circledast}$ VI / III H / III G / IIIF / II D / IIE / II
ZF	TE-ML 02F / 03D / 04D / 05L / 11B / 09 / 14A / 14B / 16L / 17C

#### TYPICAL DATA

Kinematic viscosity, ASTM D 445 cSt @ 40°C cSt @ 100°C	34.1 7.1
Viscosity Index	177
Flash point (COC), °C, ASTM D 92	210
Specific Gravity at 15°C	0.85

**Note:** These data are given as an indication of typical values and not as exact specifications.

