

PURUS[®]

CUT THE COST, NOT THE QUALITY.

“YOU CAN TAKE IT TO THE LAB.”



PURUS[®] PURTRAX[™] HEAVY DUTY SYNTHETIC AUTOMATIC TRANSMISSION FLUID



DESCRIPTION

- **PURUS[®] PurTrax[™] Heavy Duty Synthetic Automatic Transmission Fluid** is a full synthetic formulation specifically engineered for modern heavy-duty automatic transmissions. It is officially approved by Allison Transmission for use in applications requiring Allison TES 668[®] fluid, and it is fully backwards compatible with TES 295[®] and TES 468[®] specifications.
- This premium fluid provides outstanding resistance to oxidation and thermal breakdown while maintaining exceptional low-temperature performance and excellent anti-wear protection. It delivers consistent gear-shift quality throughout the entire service life, ensuring reliable performance under severe operating conditions.

Allison TES 668[®] approval Number 668-10312022

PERFORMANCE BENEFITS

INDUSTRY DRIVERS	PURUS SUPPORTING TECHNOLOGY	PURUS BENEFITS PERFORMANCE ADVANTAGES
Proven durability and protection – Fleets and OEMs want fluids that can withstand high heat, heavy loads, and long service intervals without degrading. Strong oxidation resistance, thermal stability, and anti-wear performance are critical to protect transmission components and reduce downtime.	<ul style="list-style-type: none">• Advanced synthetic base oils & oxidation inhibitors (for durability)• Heavy-duty ATFs use highly refined synthetic base stocks along with antioxidant additive systems. These technologies keep the fluid stable under extreme heat, resist oxidation, slow viscosity breakdown, and protect internal components from wear—supporting long fluid life in severe duty cycles.	<ul style="list-style-type: none">• This premium fluid provides outstanding resistance to oxidation and thermal breakdown while maintaining exceptional low-temperature performance and excellent anti-wear protection. It delivers consistent gear-shift quality throughout the entire service life
OEM approvals and compatibility – Heavy-duty users rely on fluids that meet or exceed major manufacturer specifications (such as Allison TES standards). Verified approvals and backward compatibility ensure proper performance, maintain warranty compliance, and simplify fluid management across mixed fleets.	To meet Allison and other OEM requirements, modern ATFs are formulated with precisely balanced additive packages and friction modifiers that control clutch engagement, prevent shudder, deliver consistent shift feel, and ensure the fluid meets the test requirements of each manufacturer specification (TES 668 [®] , TES 295 [®] , TES 468 [®])	Because PURUS uses OEM-verified additive technology, fleets gain peace of mind knowing the fluid is tested, approved, and compatible with current and legacy Allison requirements. This helps protect equipment warranties, ensures reliable shifting performance, and simplifies stocking one fluid across multiple Allison applications.

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TYPICAL PROPERTIES*

Gavity, API	0.8463
Density, lbs/gals	7.047
Flash, COC, °F	443° F
Viscosity @ 40 Deg. °C, cSt	34.6
Viscosity @ 100 Deg. °F, cSt	7
Viscosity Index	169
Color	RED

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all of our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AIOD or its affiliates for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult your local AIOD Distributor if you require any further information.

PRODUCT	5 GAL PAIL	KEG	55 GAL DRUM	TOTE	BULK
PURTRAX™ HD Synthetic ATF	PHD27097	PHD37097	PHD17097	PHD57097	17097