

PowerTrans TO-4 SynBlend AST

Heavy-Duty Off-Highway All Season Transmission Fluid

Description

Nemco PowerTrans TO-4 SynBlend AST is an all season SAE 5W-30, semi-synthetic, off-highway transmission fluid for use in off highway, heavy duty power shift transmissions and oil immersed brakes calling for Caterpillar TO-4M, TO-4 and Allison C-4 fluids.

Nemco PowerTrans TO-4 AST is formulated to provide optimum low temperature performance in cold weather conditions while maintaining superior lubrication and film thickness during high temperature operation. This high level of performance is achieved through the use of synthetic base stocks, high VI mineral base oils and a balanced additive package.

Advantages

- All season performance; wide temperature operating range and low-temp lubrication
- Provides oxidative and thermal stability; extends fluid life, reduces maintenance
- Offers continuous anti-wear protection; longer equipment life
- Protects critical components, suppresses wet brake noise, and offers sustained film thickness and balanced friction properties

Application

- Transmissions, wet brakes, torque converters, and hydraulic systems
- Off-highway transmissions: logging, mining, agricultural, industrial applications
- Not intended for use in final drive applications

Suitable/Recommended for

- Allison C-4
- Caterpillar TO-4M, TO-4
- Dana Powershift
- Komatsu
- Komatsu Dresser
- Tremec/TTC
- Vickers 35VQ25
- ZF TE-ML 03C, 07F

Use and Storage

To get the best performance from your equipment ensure products meet or exceed manufacturing requirements. Lubricants typically have a shelf life of 5 years under ideal storage conditions. Keep drums and totes in good condition and away from moisture. Keep bungs securely in place; as bungs breath, moisture can seep in over time. Where possible, avoid storage in areas where the temperature fluctuates between extreme highs and lows.

Typical Characteristics - PowerTrans All Season Transmission Fluid

Properties	Method	Performance	Properties	Method	Performance
SAE GRADE (Approx.)	-	5W-30	Base Number, mg/g	ASTM D2896	8.3
Kinematic Vis @40°C mm ² /s	ASTM D445	60.3	Flash Point (OC) °C(°F)	ASTM D92	240(464)
Kinematic Vis @100°C mm ² /s	ASTM D445	10.12	Pour Point °C(°F)	ASTM D97	-36(33)
Viscosity Index	ASTM D2270	155			

These characteristics are typical of current production, variations in these characteristics may occur.

Availability and product codes

Pack size	20L pail	205L drum	1,000L tote / Bulk
PowerTrans AST	TFOSZ0007	TFOSZ0014	Special Order
Availability	To order, contact us toll free 855-755-6737 or at orderdesk@nemco.ca		

Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at nemco.ca under 'Safety Data Sheets'. For SDS in French, please contact info@nemco.ca. This material is classified under WHMIS 2015. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Avoid discharge into drains, soil, or water. As with any lubricant, keep out of reach of children and animals.

Quality

Nemco Resources Ltd works with respected industry suppliers for lubricant additives and base oils. Nemco is a member of ILMA and the manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001:2015. For questions regarding quality, please contact our Technical Sales representatives.