



PRODUCT DESCRIPTION

DRYDENE TRANSALL® SYN 50 is a full synthetic transmission fluid designed for use in heavy-duty manual and automated manual transmissions in on-road or off-road service. Its year-round formula flows quickly to lubricate in cold temperatures and provides excellent wear and corrosion in severe protection in severe operating conditions.

PRODUCT APPLICATION

DRYDENE TRANSALL SYN 50 is recommended for use in a variety of heavy-duty transmission applications that :

- Heavy-duty manual and automated manual transmissions
- On-highway trucks, buses, vans, and
- Off-highway vehicles used construction, mining and agriculture
- Use as a companion to GearAll® Elite gear oils in rear axles for optimum component life and operating efficiency

DRYDENE TRANSALL SYN 50 should not be used for hypoid gears in differentials or final drives where API GL-5 fluids are specified.

SPECIFICATIONS

API GL-4
 API MT-1
 Dana synchronized and non-synchronized transmissions
 Eaton PS-164 rev 7
 Mack TO-A Plus
 Meritor O-81
 ZF Freedomline

FEATURES AND BENEFITS

DRYDENE TRANSALL SYN 50W maintains exceptional cleanliness and all-season performance under even the most extreme conditions.

- Outstanding thermal and oxidative stability helps protect critical system parts and extend transmission life
- Resilient metal-on-metal wear protection even in low-temperature applications, particularly during startup
- Inhibits the formation of sludge and varnish within vital transmission components
- Compatible with most modern engine seal and gasket materials
- High shear stability ensures that the fluid maintains its viscosity during all phases of operation



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 50
Viscosity @ 40°C (cSt)	ASTM D445	132.0
Viscosity @ 100°C (cSt)	ASTM D445	17.4
Viscosity Index	ASTM D2270	145
Brookfield Viscosity @ -40°C, cP	ASTM D2983	130,000
Pour Point @ °C/°F	ASTM D97	-45/-49
Flash Point @ °C/°F	ASTM D92	220/428
Specific Gravity @ 15°C	ASTM D4052	0.860



This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit www.DRYDENE.com Rev (0322-01)