PRODUCT DATA SHEET

DRYDENE TRANSALL® TDTO-4 SERIES

TRANSMISSION/DRIVE TRAIN FLUIDS

PRODUCT DESCRIPTION

DRYDENE TRANSALL® TDTO-4 Transmission/Drive Train Fluids are engineered with premium base stocks and advanced performance additives to lubricate and protect hydraulic, transmission and final drive systems in off-highway equipment where Caterpillar TO-4 or Allison C-4 specifications are required.

PRODUCT APPLICATION

DRYDENE TRANSALL TDTO-4 Transmission/Drive Train Fluids are recommended for:

- Heavy-duty automatic transmissions
- Powershift transmissions
- Torque converters
- Hydrostatic transmissions
- Semi-automatic truck and bus transmissions
- Final drives and other related hydraulic systems
- Off-road equipment used in agriculture, mining and construction



SPECIFICATIONS

Allison® C-4 (off-road: SAE 10W, SAE 30)
Caterpillar® TO-4
DANA Powershift
Dresser
Eaton/Fuller
Komatsu Equipment KES 07.868.1
Vickers/Eaton M2950-S, 35VQ25
ZF TE-ML 03C (SAE 10W, SAE 30)

FEATURES AND BENEFITS

DRYDENE TRANSALL TDTO-4 Transmission/Drive Train Fluids are multi-functional and optimized in order to provide better protection and service life to off-road equipment that operates in severe service conditions, moves heavy loads and operations where maximum uptime is a must:

- Minimizes clutch slippage for maximum power transfer
- Protects components against wear and corrosion
- Extends the life of clutch materials
- Helps eliminate chatter in wet brake systems
- Prevents friction surface glazing
- Superior oxidative and thermal stability even in severe conditions
- Widely compatible with a variety of seals and clutch materials

DRYDENE TRANSALL TDTO-4 Transmission/Drive Train Fluids are built to resist oxidation and help prevent the formation of corrosive deposits. They are stable in a wide range of temperature applications and maintain their efficiencies even in critical temperature conditions.



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 10W	SAE 30	SAE 50
Viscosity @ 40° C (cSt)	ASTM D445	38.2	103	216
Viscosity @ 100° C (cSt)	ASTM D445	6.1	11.7	19.2
Viscosity Index	ASTM D2270	105	103	101
Pour Point °C	ASTM D5950	-33/-27	-27/-17	-26/-15
Zinc, wt %	ASTM D4927	0.125	0.125	0.125
TBN, mgKOH/gm	ASTM D2896	7.1	7.1	7.1
Foam Seq I/II/III	ASTM D892	PASS	PASS	PASS

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 (1026-01)