

PRODUCT INFORMATION

ECOSE[®] Synthetic All Season TO-4 Oil

ECOSE[®] Synthetic All Season TO-4 Oil is a premium quality multi-functional fluid developed to meet the Caterpillar TO-4 and TO-4M performance requirements and recommended for use in year-round service. **ECOSE[®] Synthetic All Season TO-4 Oil** is recommended for use in transmissions, final drives and hydraulic systems that must operate in wide temperature ranges. **ECOSE[®] Synthetic All Season TO-4 Oil** is designed with a proprietary blend of synthetic base stocks to improve low temperature performance, balanced frictional properties for consistent transmission operation and also provide wet brake performance.

FEATURES AND BENEFITS:

- Excellent all-season performance
- Extended oil drain – long fluid life
- Increased Equipment Life
- Universal applications – reduced inventory
- Good seal and O-ring capability
- Excellent load carrying for protections of final drive gear
- Balanced friction properties for smooth clutch operation
- Non-foaming – rapid air release
- Protects yellow metals against corrosion
- Outstanding resistance to oil oxidation for long fluid life

APPLICATIONS:

Formulated to meet the performance requirements of:

- Caterpillar TO-4, TO-4M, TO-2
- Mining Equipment
- Industrial Tractors
- Construction Equipment
- Off-Highway Equipment
- Heavy Duty Manual and Semi-Automatic Transmissions which specifies TO-4 Fluid

SELECTION:

Consult owner’s manual for application requirements.

Typical Properties

Product Code	Test Method	531900
Viscosity, cSt @ 40°C	ASTM D-445	107.0
Viscosity, cSt @ 100°C	ASTM D-445	14.4
Brookfield Apparent Viscosity @-30°C	ASTM D-2983	37,500
Viscosity Index	ASTM D-2270	138
Pour Point, °F (°C)	ASTM D-5949	-39 (-38)
Flash Point, °F (COC)	ASTM D-92	475
Gravity, API	ASTM D-4052	32.3
KRL Shear, Viscosity Loss		9.8

AVAILABILITY:

ECOSE[®] Synthetic All Season TO-4 Oil is available throughout Nu-Tier Brands’ marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-tierbrands.com.