



# Product Bulletin

## GULF TransDrive Synthetic All Season TO-4 Oil

**Gulf TransDrive 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. **Gulf TransDrive Synthetic All Season TO-4 Oil** is recommended for use in transmissions, final drives and hydraulic systems that must operate in wide temperature ranges. **Gulf TransDrive 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.

### AVAILABILITY:

**Gulf TransDrive Synthetic All Season TO-4 Oil** is available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-Gulf (4853) or visit [Nu-tierbrands.com](http://Nu-tierbrands.com).

### Typical Properties

Product Code	Test Method	331900
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
Zinc, % wt.		.104
KRL Shear, Viscosity Loss		9.8

**NU-TIER BRANDS, INC.**

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