

# DYNATRANS AC



## Multipurpose TO-4 Lubricant

### APPLICATIONS

Hydraulic system

Powershift box

Axle

Final drives

Mechanical gearbox

- Hydraulic system, powershift gearbox, axle and final drives for which the manufacturer recommends a fluid meeting the Caterpillar TO-4 specification (specific brake friction requirements)
- For Caterpillar equipment and between -10°C and +40°C:
  - grade SAE 10W is used in hydraulic systems
  - grade SAE 30 is used in powershift gearboxes
  - grades SAE 50 is used in axles and final drives

### PERFORMANCE

Manufacturers approvals

Meets manufacturers' specifications

Suitable for transmission systems

ZF TE-ML 03C (SAE 10W and 30)

Allison C4 (SAE 10W and 30)

Caterpillar TO-4

Komatsu Micro-Clutch, KES 07-868-1

Dana, Eaton Fuller, Komatsu, Rockwell...

### CUSTOMER BENEFITS

Security  
Long component life

- Excellent antiwear and anticorrosion properties
- Good performance with respect to seals
- Antifoam
- Friction properties adapted to the types of equipment referenced

### SPECIFICATIONS

#### TYPICAL PROPERTIES OF DYNATRANS AC

SAE Grade	10W	30	50
Specific gravity@60/60F, ASTM D 1298	0.878	0.888	0.900
Viscosity at 40°C, cSt, ASTM D 445	37	105	225
Viscosity at 100°C, cSt, ASTM D 445	6.0	12	19
Viscosity index, ASTM D 2270	106	99	97
Pour point, °C ASTM D 97	- 30	- 24	- 21

The values of the specifications shown in this table are typical values given as an indication only.

## TOTAL Specialties USA, Inc.

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at [www.totalspecialties.com](http://www.totalspecialties.com). Copyright 2016 All rights reserved.