

# 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

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

Meets manufacturers' specifications

Allison C4 (SAE 10W and 30)  
Caterpillar TO-4  
Komatsu Micro-Clutch, KES 07-868-1

Suitable for transmission systems

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 Lubricants USA, Inc.**

**Dynatrans AC**  
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