



# DYNATRANS FD-1

## 50 – 60



Lubricants for **axles** and **final drives** of earth moving and mining machineries.

### SPECIFICATIONS

#### Meets the requirements of

- ✓ Caterpillar FD-1 specification

### APPLICATIONS

TOTAL DYNATRANS FD-1 50 – 60 is suitable in **axles** and **final drives** for which the manufacturer recommends a **fluid meeting the CATERPILLAR FD-1 specification**.

This lubricant must not be used in specific organs equipped with friction discs like self-locking differentials or oil immersed brake systems.

For CATERPILLAR equipment:

- SAE 50 grade can be used up to + 30°C
- SAE 60 grade can be used up to + 50°C

TOTAL DYNATRANS FD-1 50 – 60 is particularly recommended in **final drives** of **machines working** under severe conditions of heavy load and high temperature.

### PERFORMANCES AND CUSTOMER BENEFITS

- Provides the best protection to mechanical parts of final drive organs
- Provides an improved durability of the material within extended drain intervals

### PHYSICAL AND CHEMICAL CHARACTERISTICS\*

TOTAL DYNATRANS FD-1		Method	50	60
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	210	341
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	18.5	26
Viscosity Index	-	ASTM D2270	98	100
Pour Point	°C	ASTM D97	-24	-15

\* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

#### TOTAL LUBRIFIANTS

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92029 Nanterre cedex  
FRANCE

#### TOTAL DYNATRANS FD-1 50 – 60

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[www.lubricants.total.com](http://www.lubricants.total.com)



This lubricant does not cause adverse health effects when used in the intended application.  
A safety datasheet is accessible on request from your local dealer or on the website [www.quickfds.com](http://www.quickfds.com)