

Dynatrans FD-1 SAE 60

Final Drive Axle Oil

KEY DATA



High performance lubricant for axles and final drives of earth moving and mining machineries

MEETS THE REQUIREMENTS OF

🔥 Caterpillar FD-1 specification

APPLICATIONS

Dynatrans FD-1 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 60 grade can be used up to + 50°C.

Dynatrans FD-1 60 is particularly recommended in final drives of machines working under severe conditions of heavy load and high temperature.

PERFORMANCES & CUSTOMER BENEFITS

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

CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	341
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	26
Viscosity index	-	ASTM D2270	100
Pour point	°C	ASTM D97	-15

*The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.



TotalEnergies Lubricants / Last update of this datasheet: January 23 / Dynatrans FD-1 SAE 60

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at www.lubricants.totalenergies.com.