



PRODUCT DATA SHEET

TRANS FINAL DRIVE SAE 60

PRODUCT DESCRIPTION

Trans Final Drive SAE 60 has been formulated to meet the special requirements of final drives and axles that currently specify the use of Caterpillar FD-1™ type oils, that is applications requiring Caterpillar TO-4™ oils and that do not contain friction material.

CHARACTERISTICS

Trans Final Drive SAE 60 has the following characteristics:

Extends equipment life in severe service: The advanced additive system minimises wear in heavily loaded gears and bearings by forming a strong protective layer on metal surfaces under extreme service conditions.

Prolongs oil life: Extremely high thermal and oxidation stability protects against oil thickening and deposit formation and extends oil drain interval by up to 100% compared to conventional TO-4™ type fluids.

Minimizes unscheduled maintenance: Effective rust and corrosion inhibitors protect final drive components. Good viscosity characteristics at low temperatures ensure rapid oil circulation on start-up, preventing damaging wear.

Trouble-free operation: Fully compatible with most seal materials used in axles and final drives and with TO-4™ type oils, eliminating the risk of operational problems when converting to a new lubricant.

RECOMMENDATIONS

Trans Final Drive SAE 60 is suitable for use in final drives, axles, differentials and drive wheels of equipment where Caterpillar FD-1™ performance fluid is specified such as heavy-duty off-highway haul trucks and wheeled and track-type tractors.

Unlike conventional fluids meeting Caterpillar TO-4™ type performance, **Trans Final Drive SAE 60** is generally **not** suitable for powershift transmissions or for oil-immersed brakes or clutches due to different frictional characteristics. **Trans SAE 10W, SAE 30** or **SAE 50** should be considered for Caterpillar powershift transmissions, hydraulics and wet brake applications requiring Caterpillar TO-4™ type lubrication.

Always consult your vehicle owner's manual for the manufacturer's recommendations.

TYPICAL PROPERTIES

Property	ASTM Method	Results
Density (kg/Lt) @15°C	D-129	0.90
Colour		Amber
Viscosity (cSt) @ 100°C	D-445	25.2
Pour Point (°C)	D-97	-10
Flash Point; COC (°C)	D-92	> 250
Copper Strip Corrosion - 3 hours at 100°C	D-130	1a
Foaming Characteristics - Sequence I, II, III	D-892	Nil





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PRODUCT DATA SHEET

Available in: Bulk, 1000 Litres, 200 Litres, 60 Litres and 20 Litres

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

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