



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

HEAVY DUTY TRANS/DRIVETRAIN OIL SAE 10, 30, 40, 50

Lucas Oil Heavy Duty Trans/Drivetrain Oils are specially formulated to meet Caterpillar TO-4 specification as well as Allison C-4 and Komatsu Micro-Clutch specifications. They are designed for use in Caterpillar Powershift transmissions, clutches, brakes, final drives, bevel gears and differentials providing the correct frictional properties to extend clutch life and prevent premature system failure. This line of products is formulated with unique Lucas Oil additives to provide the highest performance and extended oil life.

Lucas Oil Heavy Duty Trans/Drivetrain Oils have excellent low temperature properties, shear stability and oxidative stability. They minimize foam and provide excellent copper corrosion and rust protection. Available in 4 viscosity grades to deliver performance to the widest set of applications and equipment.

PART NUMBER AND SIZE:

SAE 10 10585 – 5 Gallon Pail, 10587 – 55
Gallon Drum, 10846 – 330 Gallon Tote

SAE 30 10443 – 5 Gallon Pail, 10445 – 55
Gallon Drum, 10446 – 330 Gallon Tote

SAE 50 10671 – 5 Gallon Pail, 10856 – 55
Gallon Drum, 10857 – 330 Gallon Tote

FEATURES AND BENEFITS:

- Outstanding wear and frictional characteristics to protect vital transmission and driveline components.
- Formulated for long fluid and component life.
- 4 convenient viscosity grades for the broadest suite of applications and performance needs.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets Caterpillar TO-4 specification as well as Allison C-4 and Komatsu Micro-Clutch specifications.

MAIN APPLICATIONS:

Designed for use in Caterpillar power shift transmissions, clutches, brakes, final drives, bevel gears and differentials.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	10	30	40	50
API Gravity	D4052	29.1	30.4	30.3	27.1
Specific Gravity @ 60°F	D4052	0.881	0.870	0.875	0.892
Density @ 60°F, lbs/US Gal	D4052	7.34	7.28	7.306	7.44
Flash Point, Open Cup, °F	D92	>400	>400	>400	>400
Viscosity @ 40°C, cSt	D445	51.2	57.2	103.8	198
Viscosity @ 100°C, cSt	D445	7.6	10.1	13.4	19.0
Viscosity Index	D2270	112	166	127	109
Color	D1500	3.5	4.0	4.0	4.5

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.LucasOil.com)