



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

PURE SYNTHETIC 50 WT. TRANSMISSION OIL



Lucas Oil Synthetic 50 wt. Transmission Oil is a specialty, fully synthetic fluid formulated for manual heavy duty truck transmissions. Our unique blend of synthetic base oils and additives delivers optimized frictional properties coupled with excellent wear performance and oxidative stability. This product demonstrates outstanding foam resistance to prevent cavitation and erosion in manual transmissions. Although designated as a mono-grade 50wt, this formulation is polymer modified to deliver outstanding, shear-stable film thickness at operating temperature and excellent low temperature fluidity to ensure your transmission is well lubricated from start-up to shut down. Under the more traditional gear oil classification system, the viscosity is more like a 75W-90 fluid.

Lucas Oil Synthetic 50 wt. Transmission Oil is suitable for use in applications requiring performance levels such as: API MT-1, Eaton PS-386 and PS-164 Rev 7, Mack Truck TO-A Plus, International Truck TMS 6816 and other applications requiring non-EP Lubricants.

For the life of your transmission and long fluid life with ease of operation, chose Lucas Oil Synthetic 50 wt. Transmission Oil.

PART NUMBER AND SIZE:

10146 - 1 Gallon (Case of 4)
10147 - 5 Gallon Pail (1 Pail)
10149 - 55 Gallon Drum
10561 - Per Gallon Tote (1 Tote)

FEATURES AND BENEFITS:

- Fully synthetic formulation.
- Optimized for manual heavy duty truck transmissions.
- Outstanding oxidation and wear protection for long fluid and equipment life.
- Ensures lower operating temperatures and better lubrication.
- Balanced frictional properties for smoother shifting.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	31.3
Specific Gravity @ 60°F	D4052	0.869
Density @ 60°F, Lbs/US Gal	D4052	7.24
Viscosity @ 40°C cSt	D445	126
Viscosity @ 100°C cSt	D445	18.2
Color	D1500	1.0
Flash Point, PMCC @ °F	D93	400
Appearance	Visual	Clear, pale yellow

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)