



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

SYNTHETIC BLEND HYDROSTATIC TRANSMISSION FLUID SAE 20W-50 FOR ZERO TURN MOWERS



Lucas Oil Synthetic Blend Hydrostatic Transmission Fluid SAE 20W-50 is a unique formulation for hydrostatic transmission commonly found in “Zero Turn” Mowers. Most Zero-Turn mowers operate with a hydrostatic transmission that independently controls the torque supplied to each drive wheel, affecting forward motion and steering. These systems require a versatile and robust hydraulic system and thus, an equally robust hydrostatic drive fluid. Lucas Oil Synthetic Blend Hydrostatic Transmission Fluid is the solution. This SAE 20W-50 multi-grade viscosity fluid provides excellent protection for all hydrostatic system components and lubricated parts. It is formulated for maximum heat resistance in air cooled application, and has added detergency, dispersancy, and rust protection to protect the hydrostatic pump from deposits, rust, and wear. Lucas Synthetic Blend Hydrostatic Transmission Fluid is shear stable and will retain viscosity at high operating temperatures. It contains a seal conditioner to discourage leaks, so the fluid stays in the mower, not on the grass, and has friction reducers to improve energy efficiency and reduce fluid heat buildup. Together, these attributes result in a long-life fluid that truly holds up over time and extends equipment life. Lucas Oil recommends this fluid for all hydrostatic drive systems where the manufacturer recommends SAE 20W-50 fluid.

PART NUMBER AND SIZE:

11300 – 1 Quart

FEATURES AND BENEFITS:

- Premium synthetic blend technology for long oil life.
- Outstanding anti-wear protection.
- Resists shearing and thermal breakdown.
- Potent detergent package for deposits, sludge, and varnish.
- Seal conditioners to prevent oil leaks and keep your mower running.

MAIN APPLICATIONS:

Suitable for use in hydrostatic transmissions that require SAE 15W-50 or 20W-50 oil, including but not limited to those found in zero-turn riding and stand-on mowers made by: Ariens*, Bad Boy*, Cub Cadet*, Dixie Chopper*, Exmark*, EverRide*, Ferris*, Gravely*, Husqvarna*, Hustler*, John Deere*, Scag*, Snapper*, Toro*, Walker* and Wright*. **NOT FOR USE IN ENGINES.**

*The use of trademarked names is for clarity and identification purposes only and belong to their respective owners. No endorsements by the owners of any of these trademarks is stated or implied.



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	31.1
Specific Gravity @ 60°F	D4052	0.870
Density @ 60°F, Lbs/US Gal	D4052	7.26
Viscosity @ 40°C cSt	D445	147
Viscosity @ 100°C cSt	D445	18.6
Viscosity Index	D2270	143
Color	Visual	Yellow - Light Amber
Flash Point, PMCC °F	D93	>400

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)