



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

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



Zero Turn Mowers, such as those from Toro, Husqvarna, John Deere and many others, have become the standard in commercial lawn mowing and very popular with those in the general public with large lawns. These products are referred to generically as “Zero-Turn” because there is no turning radius, as with a car or truck, or virtually any other vehicle type. They can “turn on a dime” with their large independently driven rear wheels and free turning, caster-like front wheels. Hydrostatic drive is what makes this possible; the ability to apply variable torque to the left or right wheel. These systems require a versatile and robust hydraulic system and thus, an equally robust hydrostatic drive fluid. Lucas Oil has just the product for these mowers. This SAE 20W-50 multi-grade viscosity oil provides excellent protection against all lubricated parts, has added detergency, dispersancy and rust protection over motor oils, that are sometimes used in this application, and will not shear thin over time. Additionally, **Lucas Synthetic Blend Hydrostatic Drive Fluid** contains a seal conditioner to discourage leaks, so the fluid stays in the mower, not on the grass. Together, these attributes result in a long-life fluid that truly holds up over time and extends equipment life. Recommended for all hydrostatic drive systems where the manufacturer recommends SAE 20W-50 fluid. Not recommended for engine crankcase.

PART NUMBER AND SIZE:

11300 – 1 Quart

FEATURES AND BENEFITS:

- Premium Anti-Wear Protection
- Corrosion Protection
- Resists Oxidation
- Added Dispersancy and Detergency for Clean Internal Parts
- Made with Synthetic and Premium Base Oil
- Improves Equipment Life and Reliability

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Replaces OEM recommended oil.

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.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D-1298	31.1
Specific Gravity @ 60°F	D-1298	0.870
Density @ 60°F, Lbs/US Gal	D-1298	7.26
Viscosity @ 40°C cSt	D-445	147
Viscosity @ 100°C cSt	D-445	18.6
Viscosity Index	D-2270	143
CCS @ 15°C	D-5293	5,016
Color	Visual	Yellow - Light Amber
Flash Point, PMCC °F	D-93	>400

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

HEALTH, SAFETY AND ENVIRONMENT:

Health and Safety information is available on the appropriate Safety Data Sheet, which can be obtained from LucasOil.com

LINKS AND ADDITIONAL INFORMATION:

SDS: [Click Here](#)

Product Image: [Click Here](#)

Product Label: [Click Here](#)

Product Flyer: [Click Here](#)

MPD: [Click Here](#)