Hybrid Oil Treatment with HYBRIDSHIELD™ Technology

Lucas Oil Hybrid Oil Treatment with HYBRIDSHIELD™ Technology is a first-of-its-kind, uniquely formulated additive to boost the performance of modern engine oils used in hybrid vehicle engines. Hybrid vehicles experience frequent on/off conditions and hard accelerations which place unique demands on modern engine oils. Additionally, the lower operating temperatures often experienced in hybrid engines increase fuel and water condensation into the oil which can drastically reduce oil viscosity, increase corrosion, and lead to poor lubrication, increased friction, and white sludge formation. Lucas Oil Hybrid Oil Treatment addresses these critical issues to ensure your hybrid engine is protected and runs at peak performance over the life of the vehicle.

Lucas Oil Hybrid Oil Treatment with HYBRIDSHIELD™ Technology utilizes a unique blend of performance additives and emulsifiers to trap fuel and water for easier removal once engines warm. Frequent on/off conditions are no match for HYBRIDSHIELD™ Technology which supplements your engine oil with fast acting anti-wear and film forming additives that activate during start-stop driving conditions. Our additive enhances wear protection throughout the engine and forms a durable lubricant film that doesn't drain away when the engine is stopped, protecting against corrosion and deposit formation, mile after mile.

Lucas Oil Hybrid Oil Treatment with HYBRIDSHIELD™ Technology is outstanding as an oil supplement at every oil change, or as a top off additive between oil changes to increase your oil service interval, restore performance, and extend the life of your hybrid engine. Lucas Oil recommends using 12 oz of Hybrid Oil Treatment for every 5 quarts of motor oil. Treating with Lucas Oil Hybrid Oil Treatment will not void your warranty and will not change the viscosity grade of the lubricant treated.

PART NUMBER AND SIZE:

10997 - 12 Ounce (Case of 24)

MAIN APPLICATIONS:

Lucas Oil Hybrid Oil Treatment with HYBRIDSHIELD™ Technology is recommended as an oil supplement added at every oil change or as a top-off additive between oil changes. Designed for use in hybrid vehicle engines and other modern engines with start-stop technology. Lucas Oil Hybrid Oil Treatment with HYBRIDSHIELD™ Technology is suitable for use in gasoline engines and passenger car diesel engines.

NOT RECOMMEND FOR TRANSMISSIONS, DIFFERENTIALS, OR TRANSFER CASES.

FEATURES AND BENEFITS:

- Easy to use – Just pour and go!
- HYBRIDSHIELD™ Technology protection for reduced, wear, sludge, and corrosion.
- Reduce engine and turbocharger deposits up to 29%.
- Delivers 45% improvement in oil viscosity retention based on Sequence IIIH engine testing.
- Formulated to trap fuel and water during cold operating to prevent wear, corrosion, and oil break-down.
- Works with conventional and synthetic motor oils.
- Eliminates dry starts, the #1 cause of wear in new engines.
- Will not change the viscosity grade of your motor oil (when used as directed).
- Maintains and Improves API SQ engine test performance rating when used as directed.
- Helps reduce maintenance and repair costs over the life of your vehicle.

TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
Appearance	N/A	Brown Liquid
Odor	N/A	Petroleum
ASTM Color	ASTM D1500	3.5
Specific Gravity @ 60˚F	ASTM D4052	0.885
Density @ 60˚F, Lbs/US Gal	ASTM D4052	7.376
Viscosity @ 100˚C cSt	ASTM D445	16.0
Viscosity @ 40˚C cSt	ASTM D445	98.9
Viscosity Index	ASTM D2270	174
Total Base Number, mgKOH/g	ASTM D2896	17.3
Flash Point, PMCC ˚F	ASTM D93	341
Pour Point, °C	ASTM D97	-33

LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit LucasOil.com