ESSENTIALUBE® ENGINE TREATMENT AND FLUSH

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES
Kinematic Viscosity, cSt @ 40°C	ASTM D445	3.9
Density, lb/gal @ 60 °F	ASTM D1298	7.35
Density, kg/L @ 15.5 °C	ASTM D1298	0.8809
Flash Point, °F (°C)	ASTM D56	93 (34)
Sulfur, ppm	ASTM D5453	<15
Color		Green

Application	Problem	Solution	Benefit
Engine Flushing (all types)	• Existing sludge & deposits • Smoking • Oil consumption • Sluggish performance	Add 2 to 4 ounces of Essentialube per quart of oil used in engine. Operate normally up to 1 week prior to changing oil.	• Keeps engine clean • Maximizes life of new engine oil • Deglazes piston rings & seals • Improves engine performance
Transmission Flushing (Manual & Automatic)	• Existing sludge & deposits • Hard shifts • Shift hesitation	Add 2 ounces of Essentialube per quart of used fluid in transmission. Operate normally up to 1 week prior to changing transmission fluid.	• Keeps transmission clean • Maximizes life of new fluid • Frees sticking servo-valves
Fuel System (Diesel & Gasoline)	• Gums & deposits • Poor combustion • Ethanol-water separation	Add 1 ounce of Essentialube per gallon of diesel or gasoline fuel for fuel system cleanup. Add 1/2 ounce of Essentialube per gallon of diesel or gasoline fuel for continuous use.	• Keeps fuel system clean • Improves combustion • Improves performance • Disperses moisture
Engine Oil & Transmission Fluid Supplement	• Sludge & deposit formation • Loss of performance	Add 2 ounces of Essentialube per quart of lubricating oil	• Prevents sludge • Maintains equipment • performance • Extends oil life
Seasonal Storage	• Rust & corrosion buildup • Fuel degradation • Oil degradation • Condensation	Add 2 ounces of Essentialube per gallon of fuel capacity and fill tank with fuel. Add 2 ounces of Essentialube per quart of engine oil. Run engine at idle for 5 to 10 minutes prior to placing in storage.	• Prevents rust & corrosion • Extends oil life • Stabilizes fuel • Disperses moisture

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NOTE: Essentialube complies with the federal low sulfur content requirements for use in diesel and gasoline motor vehicles and nonroad engines.

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.

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