LUBEGARD®

www.lubegard.com

Engine Flush

PREMIUM SYNTHETIC BLEND!

- » Cleans Gums, Varnishes & Deposits
- » Frees Sticky Valves & Lifters
- » Improves Oil Circulation
- » Will Not Harm Seals & Gaskets
- » Does Not Contain Harmful Solvents

Today's gasoline and diesel engines have little room between internal tolerances and are designed to operate cleaner and hotter than ever before. While these improvements have greatly decreased pollution, increased gas mileage and extended the life of these precision engines, additional stress has been placed on both the engine oils and additives. The need to keep these engines free of varnish and sludge and any other by-products of combustion that cause wear and reduce the performance of these units is important to the total longevity of the complete system.

LUBEGARD Engine Flush® is designed for use with or without a machine and will safely remove accumulated amounts of varnish, sludge and by-products of combustion. The removal of these deposits is done at a controlled rate so that large amounts of possible clearance blocking debris is not generated during this service. LUBEGARD Engine Flush with LXE® Technology is a premium synthetic blend that contains special detergents and dispersants and NO harmful solvents that will damage seals & gaskets.

DIRECTIONS FOR USE:

With Flush Machine

Follow the manufacturer's instructions.

Without Flush Machine

With the engine warm, check for the proper oil level and add new oil if necessary. Add one bottle of LUBEGARD Engine Flush and circulate at idle for 10 to 15 minutes. Stop the engine and drain as usual. Allow sufficient time for the system to drain completely. Install new oil filter and refill with new engine oil in the grade and quality level recommended by the manufacturer. For best protection and additional assurance of top performance and reduction in the formation of further sludge and varnish always use LUBEGARD BIO-TECH Engine Oil Protectant (part# 30901) with each oil change.

AVAILABILITY

Stock No.	Unit Size	Case Qnty
95030	15 oz.	12/c

INTERNATIONAL LUBRICANTS, INC.
7930 Occidental South • Seattle, WA 98108 • 206-762-5343 • 800-333-LUBE (5823)

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REASONS YOUR CUSTOMERS SHOULD CHOOSE TO FLUSH THEIR ENGINE

Oil filters can typically remove contaminants up to 25 microns, and that's with a GREAT filter. The most dangerous contaminants to your engine, however, are between 5 to 20 microns. These contaminants are larger than the finest tolerances in your engine, but too small for oil filters to remove, causing approximately 60% of wear. If you are not flushing these harmful contaminants out with a quality flush product, sludge, tar, varnish and wear metals continue to circulate within the engine and accumulate in the passageways, oil pump and oil pan. These contaminants will cause excess wear, higher operating temperatures, and reduced lubrication. Petroleum oils will create sludge and varnish on the inside of engines. That sludge and varnish will break loose and circulate throughout the engine, potentially dogging oil galleries and ports and sticking lifters and valves.

After an engine is contaminated, regular oil changes do little to restore its operating efficiency. The detergent/dispersants found in most conventional engine oils can't adequately remove these excessive amounts of contamination. The newly changed oil becomes dirty again within a short period of time, and actually helps to accelerate the formation of even more sludge and varnish!

Professional technicians recommend flushing engines every 50,000 miles, or if the vehicle is 8 years old or older.

PROPRIETARY TECHNOLOGY™ LXE® PROFESSIONALS CHOICE SYNTHETIC SINCE 1993

USE BEFORE CHANGING OIL IN GAS OR DIESEL ENGINES!

TYPICAL TECHNICAL PROPERTIES:	
Viscosity at 40° C	28-32 cSt
Viscosity at 100° C	4-9 cSt
Flashpoint (COC)	>400°F
Pour Point	10°F

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