

PRODUCT DATA SHEET



NEW
UPDATED FOR LOW-SULFUR DIESEL

HB-1011

SUPER-LUBE PLUS

Fuel Conditioner Concentrate

(Gasoline & Diesel)

With Lubricity Additives

DESCRIPTION:

HB-1011 Super-Lube Plus is a modern concentrated fuel conditioner that is specifically engineered to answer the needs of today's high performance engines and blended to neutralize harmful fuel acids, as well as eliminate the damage caused by sulphur, gum, varnish and moisture found in all fuels. The new HB-1011 has been reformulated to include lubricity additives for the new low-sulfur diesel.

COMPOSITION:

HB-1011 Super-Lube Plus is blended from high performance heart cut neutrals, acid and sulphur neutralizers, moisture absorption additives, friction release agents, conditioners and pure mineral base oils. The anti-wear, corrosion and penetrants in Super-Lube Plus are stable solutions that offer outstanding performance and are safe to use in all types of fuels and engines including engines equipped with catalytic converters. The lubricity additive package has been tested and proven for low-sulfur diesel in Arizona, California and Western Europe.

USES:

HB-1011 Super-Lube Plus is highly recommended for use in diesel, gasoline (including leaded and unleaded), L.P.G. and kerosene fuels.

HB-1011 Super-Lube Plus is used in fuels at concentration of 1 gallon to 500 gallons to:

- Obtain Cleaner - More Complete Combustion
- Increase Mileage
- Neutralize Sulphur & Acids
- Clean Injectors & Carburetors
- Improve Ring Flexing
- Remove and Stop Sludge & Varnish
- Stops Valves from Sticking & Burning
- Increase R.P.M.'s
- Remove Carbon & Gum

... and in general to improve performance, reduce downtime and maintenance costs.

HB-1011 is recommended for use in concentrations of .2% by volume in diesel, gasoline and kerosene fuels, to neutralize the corrosive effects of engine acids created during combustion from sulfur contained in the fuel. HB-1011 also absorbs moisture, prevents icing and stalling, removes carbon, gum, sludge and varnish deposits, improves combustion, cleans injectors and carburetors, lubricates top rings, frees sluggish valves,

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HB-1011 SUPER-LUBE PLUS continued...

improves ring flexing, improves performance and reduces downtime and maintenance costs. It is also excellent in compressor oil to free carboned valves.

The lubricity additive package used in HB-1011 provides the latest technology from low-sulfur diesel usage in Western Europe and further updated for use in California and Arizona. The lubricity additives will provide anti-wear protection against the drier burning low-sulfur diesel.

HB-1011 Super-Lube Plus can also be used to free frozen nuts and bolts, or as a penetrating oil that will stay on the surface and prevent corrosion and oxidation on fishing tackle, farm implements, fertilizer equipment, weapons and other similar applications.

It is also recommended for use in marine engines, hospital type bunker fuels or fuel storage tanks to stop micro-bacterial growth that feeds and multiplies on octane/cetane and often stops up fuel lines and injectors.

TYPICAL APPLICATIONS:

Gasoline Engines	1 gal to 500 gals Fuel
Diesel Engines	1 gal to 500 gals Fuel
Marine Engines (except outboards)	1 gal to 500 gals Fuel
Stationary Engines	1 gal to 500 gals Fuel
Storage or Bunker Fuels	1 gal to 500 gals Fuel
2 Cycle & Outboard Engines	1 oz. to each quart of oil used in Fuel - or if pre-mixed, use 1/2 oz. per gal.
General Aviation Engines	Not approved by FAA as yet
Industrial Engines	1 gal to 500 gals Fuel
Compressors	1 gal to 500 gals Fuel
Irrigation Engines	1 gal to 500 gals Fuel

Note: L.P.G., natural gas or other atmospheric aspirated engines, use with universal top oiler to combat dryness, eliminate friction and drag and lubricate valve stem/ring land area.

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SPECIFICATION:

Flash Point COC ° F	25.7
Corrosion Test	Pass Class 1
Varnish & Gum Test	Excellent
Pour Point	Below 60° F
A.P.I. Gravity @ 60° F	26.6
Color	Clear
Viscosity @ 100° F	47 SUS
Acid Neutralizer	Excellent
Moisture Test	Excellent

GUARANTEE:

HB-1011 Super-Lube Plus is guaranteed to contain no harmful acids, abrasives or compounds that will adversely affect any engine during warranty period or thereafter. It is a modern fuel combustion aid and supplement that is designed to increase mileage and improve combustion by neutralizing harmful gums, varnishes, acids, sulphur and moisture.