



# Renewable Lubricants, Inc.

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## DYNA-MAXX™ E.P. Lube Concentrate



### *"Biobased Lubricants that Perform Like Synthetics"*

- Patented extreme pressure (EP), anti-wear formula without solid particle lubricants or plastic molecules
- Penetrates microscopic metal surfaces and provides a thin boundary film, which will not alter tolerances
- Works synergistically with existing ZDP and phosphorus-sulfur compounds, and other EP component
- Highly Concentrated formulation is zinc-free (ashless), contains no solid particle to block filters
- Formulated to allow compatibility with petroleum, semi-synthetic and most synthetic oils
- Allows the proper balance in other necessary performance functions of the lubricant
- Biobased formulated to naturally improve lubricity and biodegradability

#### *High Performance Benefits*

Reduces metal wear up to 80%	Anti-corrosion protection
Anti-friction prevents stick-slip	Increases die and tool life
Reduces wear during start-up	Enhances metalworking fluids
Reduces start torque load	Excellent thermal stability
Cost effective-energy saving	Extends equipment life
Non-corrosion to yellow metals	Reduces maintenance and downtime

#### **Typical Data**

Viscosity 40 C	ASTM D-445	32.2 cSt	Specific Gravity 60/60 F	ASTM D-287	1.17
Viscosity 100 C	ASTM D-445	5.97 cSt	Copper Corrosion	ASTM D-130	1a (100 C)
Viscosity Index	ASTM D-2270	118	Emulsification with water		None
Flash Point, PMCC	ASTM D-56	295 F (146 C)	SAE Rating		10
Pour Point	ASTM D-97	-10 F (-23.3 C)	ISO Grade		32

#### **DIRECTIONS FOR USE: Highly Concentrated Heavy Extreme Pressure Additive**

**INDUSTRY:** Metalworking, Add 3% by volume and up to 6% for severe deep drawing, stamping, deep hole gun drilling, cutting stainless and hard steel applications. In friction or plain bearings, compressors, gear boxes, hydraulic systems normally 1% by volume and up to 3% for severe conditions.

**VEHICLES:** Cars and light duty trucks, small oil capacity 5 to 8 qt. engines, Add 4 to 5 oz. per engine. Add 3% by volume for severe conditions (i.e. lower oil capacity high RPM smaller working engines or high performance racing engines). Larger oil capacity gas and diesel trucks or heavy equipment engines Add 1% by volume. Add 1% to 3% by volume in automatic & manual transmissions and 3% to 6% by volume in hypoid differentials. Only use higher percentage treat rate in sever conditions or problem areas.

Add Dyna-Maxx E.P. Lube Concentrate to the oil at each recommended oil change interval to maintain maximum benefits. Exceeding the higher recommended amounts will not improve performance and is not cost effective or recommended by Renewable Lubricants. The benefits listed above, **will not** be achieved in equipment or machines, which are damaged, or in need of repair due to mechanical failures.

#### **QUANTITIES AVAILABLE**

54 Gallon Drum	1 Gallon Jug (4 per case)
5 Gallon Pour Spout	8 oz. Bottles (24 per case)

Patented Product: US Patent 6,383,992, US Patent 6,534,454, Patent 6,624,124, US Patent 6,620,772 with additional Pending and Foreign Patents  
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#### **Availability F.O.B.: Hartville, Ohio, USA 8 oz. 1 Gallon 5 Gallon Pail 54 Gallon Drum**

Item #	85931	85933	85934	85936
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