Renewable Lubricants, Inc.
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Dyna-Maxx™ E.P. Lube Concentrate

Extreme Pressure Additive for Enhanced Lubrication and Wear Protection

Dyna-Maxx™ E.P. Lube Concentrate is a highly concentrated, zinc-free (ashless) extreme pressure (EP) and anti-wear additive formulated without solid particles or plastic molecules. It penetrates metal surfaces to form a thin, protective boundary film that enhances the performance of petroleum, semi-synthetic, and most synthetic lubricants. Compatible across a wide range of industrial and vehicular systems, it improves lubricity, reduces wear, and boosts equipment life while offering excellent biodegradability and safety for yellow metals.

Benefits

- Reduces metal wear by up to 80%
- Increases die and tool life; enhances metalworking fluids
- Anti-friction protection prevents stick-slip and start-up wear
- Compatible with petroleum, synthetic, and semi-synthetic oils
- Improves thermal stability and oxidation resistance
- Reduces torque load and extends equipment service life
- Non-corrosive to yellow metals
- Cost-effective and energy-saving
- No solid particles—safe for filters and fine tolerances

Application / New Filling

Metalworking Applications:

- Add 3% by volume; up to 6% for severe deep drawing, stamping, hard steel cutting, or gun drilling

Industrial Applications:

- Friction/plain bearings, compressors, gearboxes, hydraulics: Add 1% by volume
- Use up to 3% for severe conditions

Automotive/Vehicle Applications:

- Light-duty engines (5–8 qt.): Add 4–5 oz per engine
- High-RPM or racing engines: Add 3% by volume
- Heavy-duty gas/diesel engines: Add 1% by volume
- Automatic/manual transmissions: Add 1–3% by volume
- Hypoid differentials: Add 3–6% by volume

Specifications and Approvals

- Patented formulation
  - U.S. Patents: 6,383,992; 6,534,454; 6,624,124; 6,620,772
  - Additional pending and foreign patents
- Trademark of Renewable Lubricants, Inc.

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