

ELM 80W90 Multi-Purpose Gear Lubricant

Biodegradable – Biobased Gear Lubricant

DESCRIPTION

ELM 80W90 Multi-Purpose Gear Lubricant is a premium quality biodegradable gear lubricant formulated with the best optimized Biotechbased™ USA-grown natural seed oil that surpasses the lubricity of most conventional oils. It protects against wear, has a high flash point for safety and is readily biodegradable.

APPLICATIONS

- Specifically formulated to meet the demanding applications of gears and drives where heavy loads and high torque are present
- Suited for use where an API GL-5 performance level is specified
- For use where industrial gear oils are specified

BENEFITS

- Superior lubricity protects gears from wear
- Protects ferrous metal components from rust and corrosion
- Designed to handle both sliding and rolling loads
- Reduces vibration and noise
- Mostly benign when released into the environment
- Meets USDA's proposed biobased product definition for EO 13101
- Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- Made from renewable USA-grown crop-based oils
- Meets State of Iowa Senate File 2249 Purchasing Preference for Biobased Lubricants

PERFORMANCE LEVELS

- Designed to provide the wear performance requirements of API GL-5

TYPICAL PROPERTIES

SAE Viscosity Grade	80W-90
Viscosity at 40°C (cSt)	87
Viscosity at 100°C (cSt)	17
Viscosity Index	213
Flash Point, °C (°F)	202 (396)
Pour Point, °C (°F)	-33 (-27)
Four Ball Wear (ASTM D 4172, Scar Diameter)	0.39 mm
Weld Load (ASTM D 2596)	500 kg
Rust & Corrosion (ASTM D 130)	1A
Base Oil Biodegradability	Pass
Base Oil Aquatic Toxicity	Non-toxic

PACKAGING

Bulk
275 Gallon Totes
55 Gallon Drums
5 Gallon Pails

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