



## ISO140 Open Gear Lubricant Biobased Gear Lubricant

Part No: 10592, 10593

### DESCRIPTION

ISO140 Open Gear Lubricant is a premium quality biobased, biodegradable gear lubricant formulated with the best optimized USA-grown natural seed oils that surpass the lubricity of most conventional oils. It protects against wear and has a high flash point for safety.

### 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 open gear oils are specified
- ▶ Replaces and mixes freely with petroleum based gear oils

### BENEFITS

- ▶ Superior lubricity protects gears from wear
- ▶ Protects all ferrous metal components from rust and corrosion
- ▶ Designed to handle both sliding and rolling parts
- ▶ Reduces vibration and noise
- ▶ Mostly benign when released into the environment
- ▶ EPA's Environmental Preferable Purchasing (EPP) criteria
- ▶ USDA BioPreferred™ listed and approved
- ▶ Manufactured from renewable USA-grown crop based oils

### PERFORMANCE LEVELS

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

### TYPICAL PROPERTIES

Property	Method	Value
SAE Viscosity Grade		ISO140
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	144
Base Oil Viscosity at 100°C (cSt)	ASTM D-445	33
Base Oil Viscosity Index	ASTM D-2270	220
Rust & Corrosion	ASTM D-130	1A
Flash Point °C (°F)	ASTM D-92	312 (594)
Four Ball Wear Scar (mm)	ASTM D-4172	0.45
Base Oil Biodegradability	OECD	Pass
Base Oil Aquatic Toxicity	Daphnia Magna	Non-toxic

### PACKAGING

5 Gallon Plastic Pails, 55 Gallon Drums

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