



ISO220 Open Multi-Purpose Gear Lubricant

Biobased Gear Lubricant

Part No: 10598, 10599

DESCRIPTION

ISO220 Multi-Purpose 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 industrial 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
ISO Viscosity Grade		220
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	215
Base Oil Viscosity at 100°C (cSt)	ASTM D-445	37.7
Base Oil Viscosity Index	ASTM D-2270	227
Low Temperature, °C (°F)		<-20 (-4)
Rust & Corrosion	ASTM D-130	1A
Flash Point °C (°F)	ASTM D-92	191 (376)
Four Ball Wear Scar (mm)	ASTM D-4172	0.39
Four Ball Weld Load (kg)	ASTM D-130	500
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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