



# OPEN GEAR GUARD XP

DRY FILM / EP LUBRICANT

## BEYOND SYNTHETIC™

Open Gear Guard XP is designed to effectively lubricate open gears and chains subjected to heavy loads in dusty or dirty environments. It is a unique, thixotropic lubricant blended with a solvent carrier that is easily applied by either spraying or brushing. Once applied, the carrier film evaporates leaving a tenacious, dry, wax-like film that minimizes the collection of abrasive dust and other airborne contaminants.

Open Gear Guard XP has excellent EP properties due to its formulation with Royal Purple's proprietary Synslide additive technology and can effectively lubricate at temperatures up to 400°F. The solid lubricating film left after the solvent carrier evaporates consists of Calcium Carbonate and Calcium Sulfate, both of which are naturally occurring minerals. Open Gear Guard XP is an undyed product.

Note: Caution — Consult manufacturer for high temperature applications.

### SYNSLIDE® ADDITIVE TECHNOLOGY MAKES THE DIFFERENCE!

Synthetic oils enable Royal Purple to make superior lubricants, but it is Royal Purple's advanced Synslide additive technology that gives Royal Purple's EP lubricants their amazing performance advantages. Synslide additive technology truly is beyond synthetic.

Synslide additive technology, Royal Purple's tough, EP lubricating film, provides maximum protection under boundary lubrication conditions typically caused by heavily loaded, slow speed and / or shock load conditions. This tenacious, slippery film significantly improves lubrication and reduces wear by increasing the oil film thickness and toughness, which helps to prevent metal-to-metal contact in gears and bearings.

Synslide additive technology is noncorrosive to gears and bearings, including case-hardened gears that are easily pitted by conventional sulfur-phosphorus EP oils. Synslide additive technology displaces water from metal surfaces and excels in protecting equipment in wet environments. It also fortifies the oil against the detrimental effects of heat, which causes oil to oxidize.

## PERFORMANCE ADVANTAGES

- **Easy Application**  
Open Gear Guard XP can be easily applied by painting or spraying.
- **Long Lasting**  
Open Gear Guard XP forms an extremely durable, long lasting film, which eliminates the need for frequent application.
- **Dry Film**  
Open Gear Guard XP does not collect abrasive dust.
- **Extreme Pressure Film**  
Open Gear Guard XP leaves an EP lubricating film that effectively protects heavily loaded surfaces.
- **Excellent Corrosion Protection**  
Open Gear Guard XP provides effective protection against rust and corrosion in all environments, including salt spray and acidic environments.

TYPICAL PROPERTIES*	ASTM METHOD	
Viscosity with Diluent	D-445	
cSt @ 40°C		3.5
cSt @ 100°C		1.4
Viscosity w/o Diluent	D-445	
cSt @ 40°C		657.2
cSt @ 100°C		34.81
Flash Point, °F	D-92	205
Density, lbs/g	D-4052	6.77

\*Properties are typical and may vary