

COUPLING GREASE

Synthetic Coupling Grease



Beyond Synthetic™

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Royal Purple® Coupling Grease is a lithium complex, high film strength grease that provides superior resistance to oil separation from the high centrifugal forces generated by couplings. It is formulated with high viscosity synthetic oils and tacky, synthetic polymers, plus Royal Purple's proprietary Synslide additive technology to provide the tenacity and film strength necessary to protect against heavy loads and high centrifugal forces.

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 is Royal Purple's toughest EP lubricating film. It provides maximum protection under boundary lubrication conditions typically caused by heavily loaded, slow speed and / or shock-load conditions.

This tough, proprietary, slippery film significantly improves lubrication and reduces wear by increasing both oil film thickness and oil film toughness, which helps to prevent metal-to-metal contact.

Synslide® additive technology is noncorrosive, 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:

- High Film Strength
- Extremely Tacky
- Outstanding Oxidation Stability
- Excellent Corrosion Protection
- Superior Shock Load Protection

Typical Properties*

NLGI Grade	0
Thickener Type (soap base)	Lithium Complex
Color	Purple
Consistency	Sticky Grease
Viscosity	
cSt @ 40°C	2955
cSt @ 100°C	112
Drop Point °C	>200
Specific Gravity, lbs/gal.	0.88
Cone Penetration, mm	355-385
4-Ball EP Test	
Weld Load, kg.	400
Copper Corrosion	Pass

*All properties are typical and may vary.