

PRODUCT DATA SHEET



ROYAL PURPLE® UPG®

ULTRA-PERFORMANCE GREASE

Royal Purple® Ultra-Performance Grease® (UPG) is a high performance, multi-purpose, aluminum-complex, synthetic EP grease which significantly increases bearing life and equipment reliability. It also makes bearings run smoother, cooler and quieter.

UPG is an excellent choice for a wide range of applications including bearings, U-joints, greased suspension components, and general purpose use. It offers outstanding extreme pressure performance and excellent resistance to emulsion with water and water wash-out. UPG is stable at high temperatures. It also has excellent oxidation resistance for extended service life and to provide a margin of safety between lubrication intervals.

Performance Advantages

- Handles extreme loads
- Reduces heat
- Reduces wear
- Lowers operating temperatures
- Reduces vibrations

Typical Properties*	Method	
Viscosity (base oil)	D445	
cSt @ 40°C		180
NLGI Grade		2
Texture		Buttery
Thickener Type (soap base)		Aluminum Complex
Dropping Point °C (°F)	D2265	274 (525)
Cone Penetration	D217	
Worked, 60 Strokes, mm		285
4-Ball EP Test	D2596	
Weld Load, kg		400
Load Wear Index, kg		65.2
Weld Point, kg		100
4-Ball Wear Test	D2266	
Scar Diameter, mm		<0.6
Rust Protection	D1743	Pass
Copper Corrosion, 24 hr, 100 °C	D4084	18
Water Washout, 79 °C, %	D1264	4.5
Oil Separation, %	FTMS 791B	<5

**Properties are typical and may vary.*

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