



DUCKHAMS GREASE XP3

DUCKHAMS GREASE XP3 is premium quality lithium complex extreme pressure grease specially formulated with mineral base oils, lithium complex soap and extreme pressure additive to provide excellent performance for a wide variety of automotive and industrial application and severe operating conditions. This grease has good performance over a wide temperature range and also contains additive to control high oxidation and provided excellent protection against water washout, rust, corrosion and for automotive and industrial applications at high temperature and high loads.

Applications :

- Suitable for use in temperatures up to 180 °C, under high-load, medium-speed, and moderate moisture conditions.
- Recommended applications:
 - Automotive: Wheel bearings, chassis lubrication, electric motors, and other components.
 - Industrial: Bearings, gears, couplings, and machinery with long service intervals.
 - Mining and Construction / Off-Road: Heavy machinery and off-road equipment under severe load.
 - General Purpose: Applications requiring high-performance lubrication.

Features and Benefits :

- Good water resistance: Resists water washout, performing well in wet or moist conditions.
- Outstanding dropping point: Provides excellent heat resistance for high-temperature operation.
- Superior mechanical stability: Maintains consistency under shear and mechanical stress.
- Good load-carrying capacity: Provides protection against wear under heavy and shock loads.
- Corrosion protection: Shields metal surfaces from rust and corrosion.
- Strong adhesion: Adheres well to surfaces and helps prevent contamination.

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Typical Properties :

Properties	Test Method	Typical value
NLGI	-	3
Soap Type	-	Lithium Complex
Base oil Type	-	Mineral
Texture	Visual	Smooth
Color	Visual	Light Brown
Kinematic Viscosity @40°C, cSt.	ASTM D445	220
Kinematic Viscosity @100°C, cSt.	ASTM D445	18
Unworked Penetration @ 25°C, mm/10	ASTM D217	214
Worked Penetration @ 25°C, mm/10	ASTM D217	229
Dropping Point, °C	ASTM D2265	302
Cu Strip Corrosion @100°C, 24 hr	ASTM D4048	1a
Four Ball Weld Load, kgf	ASTM D2596	250
Four Ball Wear Scar, mm	ASTM D2596	0.67
Oil Separation @100°C, 30 hrs, %wt	ASTM D6184	0

These descriptions are typical of current production. Whilst future production will conform to Duckhams' specification, variations in there description may occurs.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use.

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