



**THE INNOVATIVE
AUSTRALIAN**

Product Data Sheet

XHD Red Grease

High Performance Heavy Duty Commercial Grease

XHD RED Grease is an extremely high-quality commercial grease with superior lubrication characteristics for use in a wide range of pins, bushes and under chassis lubrication applications. Also ideal for lubricating gears and couplings in transport, agricultural, marine, automotive and industrial applications requiring a grease with a high base oil viscosity and weld load protection. It is based on a lithium complex thickener with high quality paraffinic and polybutene (synthetic) base stocks combined with the inclusion of extreme pressure additives, effective rust, oxidation and corrosion inhibitors.

Summary of Benefits:

XHD RED GREASE can be used in all low to mid-range temperature applications. It protects against wear on all moving parts from shock loadings to unusually high load services. It prevents scuffing and further assists in wear prevention because XHD RED has excellent shear stability as well as the high load extreme pressure characteristics.

XHD RED GREASE resists "SQUEEZE OUT" from surfaces requiring lubrication under high load conditions. It has been specially formulated to include a shear stable tackiness agent which unlike other conventional lithium complex greases have this extra tenacity for "Stayput" lubrication because of this added adhesive characteristic.

HIGH SHEAR STABILITY ensures long service life particularly in sealed anti-friction bearings. The excellent resistance to mechanical shear combined with high film strength maintains grease consistency for extended lubrication service.

OXIDATION resistance assures long service life. Containing rust and corrosion inhibitors to effectively lubrication under difficult environments that may be corrosive or rust prone service situations. These inhibitors protect all metal components under these adverse conditions.

XHD RED GREASE is the ideal recommendation for use in extreme heavy-duty applications. These applications include Slow speed (low speed factor) heavily loaded anti-friction and plain bearings, splines, kingpins, bucket pins, ball joints, chain and sprocket sets, anti-friction bearings up to 350 rpm and many other industrial applications.

Code: 9031

Available in 450g, 20kg and 180kg

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Typical Characteristics:

Consistency (NLGI grade)	ASTM D217	2
Thickener Type	-	Lithium Complex
Colour/Appearance	-	Red/ Tacky
Worked Penetration (60 strokes)	ASTM D217	265 - 295
4-Ball Weld Load (kgf)	ASTM D2596	480
Dropping Point (°C)	ASTM D2265	260+
Base Oil Viscosity @ 40 °C (cSt)	ASTM D445	1900
Operating Temperature Range (°C)	-	-20 to 160

**Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.*

Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website www.royallubricants.com.au or by email: info@royallubricants.com.au

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