



GULF WESTERN OIL

THE TOUGH AUSTRALIAN

INDUSTRIAL/OFF HIGHWAY

TECHNICAL DATA SHEET

SUPER BLUE GREASE

SUMMARY OF BENEFITS

- **FUNCTIONAL MULTI-PURPOSE** - grease for LOW and HIGH temperatures. It provides lubricating protection even for intermittent operation up to 200°C. Its ability to prevent scuffing and reduce wear under high load and shock load conditions, together with its excellent resistance to shear and high temperature operation, makes it preferred over other multi-purpose greases
- **SEALED FOR LIFE BEARINGS** - have assured long service life due to the exceptional oxidation, rust and corrosion resistance of Super Blue Grease. With extended service, it maintains its original consistency. It will not thicken since it resists oxidation. It will not thin out because it is shear resistant
- **WATER RESISTANCE** - where water contamination or the water wash out contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of the excellent resistance of Super Blue Grease to water wash out. In these situations it also gives protection against rusting and corrosion
- **ADHESIVE AND COHESIVE** - Super Blue Grease resists "SQUEEZE OUT" from surfaces requiring lubrication under load conditions

RECOMMENDATIONS

Super Blue Grease is the prime recommendation for use in applications where high thermal resistance is required. These applications include industrial, automotive, earthmoving and marine applications such as wheel bearings, chassis, boat trailer wheel bearings and other applications requiring grease lubrication. First choice for electric motors. Excellent recommendation for ball joints, which demand characteristics will ensure minimum wear and minimum torque with complete protection against rust.

TYPICAL PROPERTIES

CHARACTERISTICS	TEST METHOD	RESULTS
NLGI	-	2
Soap Type	-	Lithium Complex
Colour	-	Blue
Texture	-	Smooth, Tacky
Penetration @ 25°C -	-	-
Unworked	ASTM D217	270
Worked - 60 Strokes	ASTM D217	275
Worked - 100,000 Strokes, Change %	ASTM D217	+10
Dropping Point - °C	ASTM D2265	260+
Roll Stability, Penetration Change %	ASTM D1831	+10
Leakage, Wheel Bearing 65g		
Packed, 163°C, Hours	ASTM D1263	1.5
Water Washout @ 80°C %	ASTM D1264	3.5
Oil Separation 24 hours @ 25°C kPa	ASTM D1742	2
Oxidation Stability Pressure -		
Drop @ 100 Hour, kPa	ASTM D942	15
Drop @ 500 hour, kPa	ASTM D942	70
Lubrication Life, Bearing No. 204 -		
10,000 rpm 163°C, hours	ASTM D3336	125



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CONTINUED -

Rust Prevention Rating	ASTM D1743	Pass
Timken, OK Load, Kg	ASTM D2509	23
4-Ball Weld, Kg/f	ASTM D2596	450
4-Ball Wear Scar, mm	ASTM D2266	0.48
Base Oil, cSt @ 40°C	ASTM D445	190
@ 100°C	ASTM D445	18.5

The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties, expressed or implied. Purchases should determine the suitability of such products for their particular purposes.

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.

AVAILABLE PACK SIZES

180kg - 40051, 20kg - 42051, 2.5kg - 42562, 450gm - 40451

HEALTH, SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.