



GULF WESTERN OIL
THE TOUGH AUSTRALIAN

EASY FLOW GREASES

DESCRIPTION

Easy Flow Greases possess excellent lubrication characteristics. They are recommended for rolling and plain bearings lubrication whether operating under normal or severely loaded service conditions. The NLGI semi fluid grades which are Nos. 000, 00 and 0 are recommended for "self-levelling" applications or once through centralised automatic or semi automatic lubrication systems. The heavier NLGI No. 1 grade has a somewhat buttery appearance with a slightly stringy texture and is a prime recommendation for automotive, marine and industrial applications.

Easy Flow Greases are manufactured with lithium hydroxystearate base thickener and selected high viscosity index mineral oils combined with rust, oxidation and corrosion inhibitors and very effective lead free extreme pressure additives. Their brand names incorporate the NLGI consistency, e.g. LITH EP0 GREASE is NLGI No. 0.

SUMMARY OF BENEFITS

- **MULTI-PURPOSE GREASES** - for high and low temperature applications. They protect all moving parts from shock loadings; they prevent scuffing and reduce wear because EASY FLOW GREASES have excellent shear stability, high load extreme pressure characteristics.
- **WATER RESISTANCE** - they have been formulated to guarantee a much-improved level of resistance to water washout to extend bearing life in wet environments.
- **HIGH SHEAR STABILITY** - ensures long service life particularly in sealed antifriction bearing. The excellent resistance to mechanical shear combined with high film strength maintains grease consistency for extended lubrication service.
- **OXIDATION INHIBITED** - assures long service life.
- **RUST AND CORROSION INHIBITED** - promotes effective lubrication under difficult environments that may be corrosive or rust prone service situations. These inhibitors protect all metal components under these adverse conditions.
- **OPERATING TEMPERATURE RANGE** - the recommended temperature range is from -20°C to 130°C, however they may be used at higher temperatures with the lubrication frequency increased accordingly.

GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747

Phone: 02 9673 9600 - **Fax:** 02 9623 6466 - **Email:** sales@gulfwestern.com.au - **Web:** www.gulfwestern.com.au

ACN: 087 558 398

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APPLICATIONS

- NLGI 00 and NLGI 000 are suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases and as a replacement for gear oils that cannot be retained in gearboxes due to worn seals.
- NLGI 0 and NLGI 1 are suitable for centralised lubrication systems.

OPERATING TEMPERATURE RANGE

The recommended temperature range is from -20°C to 130°C, however they may be used at higher temperatures with the lubrication frequency increased accordingly.

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

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.



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TYPICAL CHARACTERISTICS

EASY FLOW GREASES	Test Method	Results			
Appearance	-	Brown			
NLGI	-	000	00	0	1
Penetration at 25°C -	-				
Worked, 60 Strokes	ASTM D217	450	415	370	320
Worked, 100,000 Strokes	ASTM D217		-	-	335
Dropping Point °C	ASTM D2265	150	152	170	190
Water Washout at 80°C %	ASTM D1264		-	-	7
Wheel Bearing Leakage, g	ASTM D1263		-	-	5
Oxidation Resistance Pressure - Drop at 100 hour, kPa	ASTM D942	30	35	30	26
Timken, OK Load, Kg	ASTM D2509	23	23	23	23
4-Ball Weld Kg/f	ASTM D2596	315	315	315	315
4-Ball Wear Scar, mm	ASTM D2266		0.48		
Rust Prevention Characteristics	ASTM 1743		No Rust		
Lithium Soap, % mass	-	2.5	3.5	4.7	7.5
Mineral Oil Viscosity cSt at	ASTM D445	180	180	180	180

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

AVAILABLE PACK SIZES

NLGI 000 - 40043, NLGI 00 - 42063, NLGI 1 - 42064, NLGI 0 - 42065

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