

TECHNICAL DATA SHEET

EASY FLOW EP GREASES



DESCRIPTION

Easy Flow EP 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 EP 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.

APPLICATIONS

Lubrication of plain roller and bearings, bushings, cans, bar, slides, splines, universal joints as well as general automotive and chassis lubrication. It can also be used to lubricate electric motor bearings, hoist bearings and gears, paper machines, plastic injection molding machines, grinders and machine tools, concrete mixing machinery, pumps, blow molding equipment, textile machinery, crushers, shovels and many other equipment requiring EP greases.

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.

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.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

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 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.

AVAILABLE PACK SIZES

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September 2022

GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

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

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NLGI GRADE	TEST METHOD	00	0	1
Thickener type		Lithium 12-OH	Lithium 12-OH	Lithium 12-OH
Texture		Smooth	Smooth	Smooth
Color		Yellow	Yellow	Yellow
PENETRATION @25°C				
Worked	ASTM D217	401	365	317
Unworked	ASTM D217	n/a	375	320
DROPPING POINT, 0°C	ASTM D2265	204	204	204
TIMKEN OK LOAD, lbs	ASTM D2509	n/a	45	45
WATER WASHOUT, %Loss @79°C	ASTM D1264	n/a	n/a	0.624
WHEEL BEARING LEAKAGE @20hrs, g	ASTM D4290	n/a	n/a	1.850
OXIDATION STABILITY, Pressure Drop at 100hrs, Psi	ASTM D492	n/a	n/a	n/a
COPPER STRIP CORROSION	ASTM D4048	1b	1b	1b
OIL SEPARATION @100°C, %wt	JIS K2200	n/a	n/a	7.573
VISCOSITY KINEMATICS,				
@40°C , cSt	ASTM D445	185.0	185.0	185.0
@100°C, cSt	ASTM D445	17.0	17.0	17.0
VISCOSITY INDEX	ASTM D2270	97	97	97
LOW TEMPERATURE PUMPABILITY		Excellent	Very good	Good

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

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