

MARINE/ OFFSHORE

CLARE LUBRICANTS

Clare BRB-LEM Ball & Bearing Lubricant

[FEATURES]

- Lithium soap thickened lubricant containing extreme pressure additives, Molybdenum Disulphide and anti-wear additives
- Provides long lasting film on moving surfaces and protects components from destructive friction, oxidation and corrosion
- Highly adhesive, water resistant
- Medium viscosity mineral base oil for good pumpability
- Does not contain harmful or volatile solvents

[APPLICATIONS]

- Used on plain and anti-friction bearings operating under medium loads and at moderate to high speeds
 - a. Engine vessel shaft coupling
 - b. Turbines, jet engines, aerospace equipment
 - c. Industrial machinery

SPECIFICATIONS

THICKENER	LITHIUM
DROP POINT	180°C MIN.
NLGI	2
WORKED PENETRATION AT 250C	265 - 295
PROLONGED WORKING (100,000 STROKES)	MAX. 15% CHANGE
ROLL STABILITY	3 - 5
TIMEN OK LOAD	50LBS
WATER WASH - OUT	7%
OIL SEPRATION	6%
LEAKAGE TENDENCY	2G
OXIDATION RESISTANCE (100 HRS)	LESS THAN 5 PSI DROP
SKF R2F TEST	PASS A & B
MINERAL OIL VISCOSITY AT 400C	160 CST

PRODUCT CODE | PACKING SIZE

BRB - 125KG | 125KG PAIL



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Clare High-Load 2 Lubricant

[FEATURES]

- High quality lithium soap thickened lubricant containing molybdenum, high-load solids and extreme pressure additives
- Proprietary blend of mineral oil and synthetic fluids to enhance temperature range and thermal stability
- Excellent mechanical stability to withstand lubricant separation under high loads
- Added corrosion inhibitor to offer good salt water protection
- Economical and extends re-lubrication intervals
- Does not contain harmful or volatile solvents
- Available in NLGI 1 & 2 grades

[APPLICATIONS]

- For use in anti-friction and plain bearings of moderate speed and especially large diameter slow speed bearings

For use in slew rings, pins, bushes, trunnions, lever, oscillating equipment, pulleys, couplings and wheel bearings

May be applied through automatic and semi-automatic heavy duty grease systems. Also could be applied by hand grease gun

SPECIFICATIONS

THICKENER	LITHIUM
DROP POINT	175°C
NLGI	1
WORKED PENETRATION AT 250C (1,000STROKES)	280 – 300
EMCOR 5% NaCl	00 (NO CORROSION)
TIMEN OK LOAD	60LBS
TIMEN OK WEAR	5MG
FOUR BALL OK LOAD	4200N
WELD LOAD	4200N
OXIDATION RESISTANCE	LESS THAN 10 PSI DROP
WATER WASH - OUT	LESS THAN 5%
PUMPABILITY	- 20°C

PRODUCT CODE | PACKING SIZE

HL2 - 125	12.5KG PAIL
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Clare OPG2000 Open Gear 2000

[FEATURES]

- High performance grease made from a very high viscosity base oil with a unique thixotropic base and special lubricating solids, designed specifically for the arduous conditions found on open gears
- Semi-dry surface minimizing pick up of dirt and grit in hostile environments
- Adheres strongly to surfaces even in wet conditions, resisting shock loading and water wash-off
- Does not contain hazardous substances such as lead, volatile solvents or bitumen
- Extreme wear protection and load carrying abilities; non-melting, no drop point
- Does not contain harmful or volatile solvents

[APPLICATIONS]

- For use on various open gear applications, where high load/shock resistant and non-fling or non-drip lubricant is needed
 - a. Hoist, drag and crowd gears, dip-per sticks and swing racks on earth moving machinery
 - b. Open gears, girth gears, rack and pinions etc. which are found in all types of industrial applications.
 - c. All types and sizes of open gears in harsh environments, including strong underwater currents and large gears operating under high loads in extreme conditions (e.g. offshore winches, drilling rig jacking teeth, etc)

SPECIFICATIONS

THICKENER	INORGANIC
DROP POINT	NON - MELTING
CONSISTENCY	NLGI 2
WORKED PENETRATION (25°C)	265 - 295
MIN. OPERATING TEMP.	- 15°C
ADDITIVES	EXTREME PRESSURE ANTI - WEAR ANTI - CORROSION OXIDATION INHIBITOR

PRODUCT CODE | PACKING SIZE

OPG - 125	125KG PAIL
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Clareguard GRL High Performance Wire Rope Lubricant

[FEATURES]

- Specifically developed with study of wire ropes operating under adverse conditions
- Thixotropic Properties; retains grease thickness when stationary on ropes but thins on shearing, allowing grease penetration into rope cores during application
- Highly water adhesive and high water wash-out resistance
- Extreme performance corrosion inhibitor system that displays degree of syneresis which permits controlled migration of corrosion inhibitors to uncoated surfaces
- Does not contain solids that could cause unnecessary stress and damage to rope strands
- Does not contain harmful or volatile solvents

[APPLICATIONS]

- For optimum results, use Viper Wire Rope Lubricator to enable pressurized lubrication for lubricant penetration into core of wire rope
- Can also be manually applied on wire ropes

SPECIFICATIONS

THICKENER	INORGANIC, NON - SOAP
CONSISTENCY	NLGI 1.5 (STATIC) NLGI 0.5 (DYNAMIC)
WORKING TEMP. RANGE	UP TO 80°C
FLASH POINT	200°C MIN. (CLOSED) CUP

PRODUCT CODE | PACKING SIZE

GRL - 125	125KG PAIL
GRL - 18	18KG PAIL
GRL - 180	180KG DRUM



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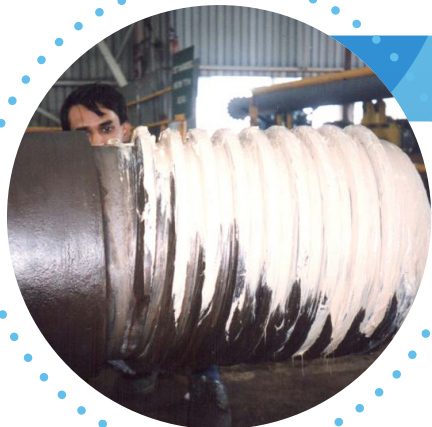
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Clare SW2-LF Saltwater Resistant Lubricant

[FEATURES]

- Specifically developed for lubrication in corrosive, salt water conditions
- Contains advanced corrosion protection additive; resistant to alkaline solutions and acidic vapour
- "State of the Art" structure-modifying additive that provides superior wash off resistance and excellent sealing properties against warm or cold water
- Lithium and Calcium Soap Complex provides extreme thermal stability and pressure properties
- Does not contain harmful or volatile solvents

[APPLICATIONS]

- Beneficial for applications subjected to high level of corrosion and erosion from direct and indirect seawater exposure
 - a. Manual lubrication or using Viper Wire Rope Lubricator for wire ropes operating in submerged conditions
 - b. Rolling elements and plain bearings
 - c. Open gears
 - d. Threaded spindles
 - e. Sliding mechanism

SPECIFICATIONS

THICKENER	LITHIUM CALCIUM COMPLEX
WORKED PENETRATION	278
COPPER CORROSION 24HRS (80°C)	1A
EMCOR 5% NaCl	00 (NO CORROSION)
OIL SEPARATION 168HRS 40°C	5.8%
TIMKEN OK LOAD	50 LBS
TEMP. RANGE	- 25°C TO 120°C
DROP POINT	180°C
BASE OIL VISCOSITY (40°C)	190 CST

PRODUCT CODE | PACKING SIZE

SW2 - 125 | 125KG PAIL



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