

DYNA-MITE GREASE

**Ultra Heavy-Duty Grease For
Extreme Environments**

DYNA-MITE GREASE is a superior quality, **ultra heavy-duty, tacky** lithium complex grease suitable for use in heavy-duty greasing for applications which require a grease with a **very high base oil viscosity** and weld load. It is formulated with high quality paraffinic and polybutene base stocks, extreme pressure (EP) additives and effective rust, oxidation and corrosion inhibitors. Includes tackiness agent for extra tenacity and stay-put lubrication. This added adhesive characteristic resists water washout and "squeeze out" in highly loaded applications.

PRIMARY INDUSTRIES: Industrial, earthmoving, agricultural, transport, forestry, automotive, mining, construction, marine and many more.

RECOMMENDED APPLICATIONS INCLUDE:

- Slow speed (low speed factor) heavily loaded anti-friction and plain bearings
- Gears and couplings
- Hammers
- Bucket pins
- Turntables
- Many other high shock load greasing applications where high thermal resistance is required
- **Base Oil Viscosity 1600 cSt @ 40 °C**

Care should be taken if using in high temperature wheel bearings as DYNA-MITE may be too heavy for this application. Preferably use LITHPLEX GREASE EP2 grease for wheel bearings. Consult your Sterling Lubricants consultant for your specific conditions.



SPECIFICATIONS:

ISO 6743-9: L-XBEBB2

DIN 51502: KP2P -20

PRODUCT SIZE:

450g, 2.5kg, 20kg, 180kg

PRODUCT CODE: 9109

SUMMARY OF BENEFITS

Excellent anti-wear and EP properties
Prevents scuffing and wear
Resists water washout and squeeze out under high load conditions
Superior adhesion and cohesion
Outstanding oxidation stability provides lasting lubrication at high temperatures
High shear stability to ensure long service life
Protects against rust and corrosion in harsh environments

TYPICAL CHARACTERISTICS

Appearance	Red/Tacky
NLGI Classification	2
Thickener	Lithium complex
Base Oil Viscosity cSt @ 40°C ASTM D445	1600 cSt
Operating Temperature range	-20°C to 185°C to 210°C intermittently
Worked Penetration, 60 Strokes ASTM D-217	265-295
Water Washout. Wt %, Max ASTM D-1264	3.0
Copper Corrosion IP112	Pass
Four Ball Wear, mm Scar Dia, Max ASTM D-2266	0.42
Four Ball Weld Load, Min ASTM D2596	480kg
Dropping Point °C ASTM D-2265	260 +

*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 Sterling Lubricants by email: info@sterlinglubricants.com.au