



PREMALUBE™ BLACK

Multi-Purpose, Heavy Load, Extreme Pressure, High Temperature Grease

Heavy Duty Grease Specifically Formulated for Industrial Equipment

- **PREMALUBE BLACK CONTAINS A TOTAL ADDITIVE PACKAGE THAT SETS IT APART FROM OTHER GREASES.**
- **PROVIDES SUPERIOR PROTECTION AGAINST HEAVY LOADS, CONTAMINANTS, HEAT AND HIGH SPEEDS.**
- **PRODUCT OF CHOICE FOR ALMOST EVERY INDUSTRIAL APPLICATION**
- **ALUMINUM COMPLEX BASE GREASE**

FEATURES AND BENEFITS

- Stays in Place to Prevent Wear Under Heavy-Load Conditions
- Contains Synthetic Moly and Graphite
- Minimizes Abrasive Wear Caused by Dirt and Dust
- Exceptional Heat Reversion Properties
- Superior Water Resistance
- Excellent High Temperature Performance - Remains Effective Up to 135°C Continuous and 204°C Intermittent.
- Prevents Rust and Corrosion
- Reduces Grease Inventory to Save Money



AREAS OF USE

- Utility Plants
- Paper Mills & Packaging Plants
- Steel Mills & Foundries
- Printing
- Food Processing Plants (H2)
- Chemical Plants
- Plastic & Rubber Plants
- Refineries
- Industrial Manufacturing

PREMALUBE MEETS OR EXCEEDS THESE PERFORMANCE REQUIREMENTS

- US Steel Mill Grease Specifications: Roll Neck Grease, Req. No. 340, Extreme Pressure Grease Req. No. 350, Extra Duty EP Grease. Req. No. 352, Extreme-Temp. Req. No. 355, 370, & 372, Ball and Roller Bearing, Req. No. 371, Mill Utility Grease Req. No. 375
- Military Spec. MIL-G-23549C, MIL-G-2345C
- Case 251H EP
- Ford M1693A

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To re-order, call +61 2 9669 0260 www.nchaustralia.com



ADDITIVES

USER BENEFITS

PREMIUM GRADE BASE OIL	Superior grade, highly-refined base oil resists oxidation and high-temperature breakdown to maintain better lubricity.
ALUMINUM COMPLEX BASE	Withstands high heat - the only grease base with heat revisio characteristics. Resist water washout.
MOLYBDENUM DISULFIDE	Layered solid lubricant that plates on metal surfaces to provide excellent protection against wear on heavily loaded surfaces and in dusty, dirty environments.
ADHESIVE AND COHESIVE POLYMERS, TACKINESS AGENTS	Highly-elastic polymers hold grease together and in place to prevent the entry of contaminants, squeeze-out, channeling and sling-off
RUST AND CORROSION INHIBITORS	Blocks out corrosive elements such as acids, water, condensate and steam by forming a protective barrier on equipment surfaces to prevent chemical wear.
EXTREME PRESSURE (EP) AGENTS	Heat seeking additive which increases the ability of the lubricant to prevent the extreme wear that can occur under loads.
ANTI-WEAR AND FRICITON REDUCING AGENTS	Prevents metal-to-metal contact, two-surface wear, vibration and chatter. Keeps high friction surfaces, such as bearings, properly lubricated to prevent metal loss, downtime and replacement expenses.
OXIDATION INHIBITORS	Extends service life of the lubrication by retarding the oxidation or breakdown process.
SHOCK LOAD REDUCERS	Cushions impact to minimize the stress, vibration, and chatter that can occur under heavy loads and during start-stop operations.
MOLYSOL™	Clear, synthetic moly that provides a non-staining barrier film for excellent heavy load protection. Provides the benefits of moly without the black.
GRAPHITE	Layered solid that provides added protection at high temperatures and improves lubrication in wet conditions.
POLYMIITE™	Provides the thermal stability and water wash-out properties of graphite without the black color.

PREMALUBE BLACK: Contains a total additive package that sets it apart from other greases.

IDEAL FOR USE ON: Bearings, journals, couplings, gears requiring grease, universal joints, rollers, conveyors and any other rolling or sliding surfaces.

DO NOT USE IT: Bearings that exceed 4500 RPM, or applications with operating temperatures above 260°C. For grease speed recommendations refer to NCH DN chart

PHYSICAL PROPERTIES

For more Technical Data, please refer to the Safety Data Sheet of the product.

	#2	#1
POUNDS PER GALLON	8.34	7.5
EVAPORATION RATE	N/D	<0.01
TIMKEN, OK LOAD, LB	65	65
4 BALL WEAR, MM	0.4	0.4
4 BALL WELD POINT, KG	800	800
LOAD WEAR INDEX	101	100
OXIDATION STABILITY 100 HRS @100°C PSI	2	2
OXIDATION STABILITY 500 HRS @5°C PSI	8	8
MAXIMUM CONTINUOUS TEMPERATURE °C	135	135
MAXIMUM TEMPERATURE °C	204	204
RUST TEST	Pass	Pass
COPPER CORROSION	1B	1B
HEAT REVERSION	Excellent	Excellent
BASE OIL VISCOSITY SUS AT 38°C MAXIMUM	1250	750
BASE OIL VISCOSITY SUS AT 100°C MAXIMUM	80	41.5
POUR POINT, °C	-15	-29
VOC%	0	0
PENETRATION @ 25°C 60 STROKES	265-285	310-340
PENETRATION LOSS AFTER 10,000 STROKES, %	10	10
DROPPING POINT, °C	260+	260
WATER WASHOUT	3% Max	3% Max

PREMALUBE LIMITED WARRANTY

Under operating conditions of all types, customers find that PREMALUBE lasts from 2 to 5 times longer than conventional greases. NCH is so confident PREMALUBE will last longer in your operations, that we will replace the amount of PREMALUBE in your equipment at NO CHARGE if it does not extend regreasing intervals by at least twice the equipment manufacturer's recommended interval.

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