



## DYLON GR-650 HIGH TEMPERATURE GREASE THE SYNTHETIC GREASE DESIGNED FOR DEMANDING APPLICATIONS

### DESCRIPTION:

**Dylon GR-650** is a synthetic grease developed for demanding industrial applications and high temperature protection up to 650°F. When applications are severe or temperatures are "Hot" this proprietary grease technology significantly outperforms universal greases.

The unique, ashless synthetic base stock provides superior thin film lubrication, allowing for maximum protection. **Dylon GR-650** maintains a grease structure at temperatures of 650°F to 700°F, providing solid lubricant protection up to 750°F and can be used in all types of industrial bearings.

High operating temperatures and heavy loads will break down conventional greases, causing run-out and oxidation that leaves gummy residue, abrasive coke and carbon deposits. These conditions will cause premature failure of bearings and expensive machinery. The use of **Dylon GR-650** can solve these problems.

Machinery and bearing life can be significantly increased through proper grease selection and lubrication maintenance practices. Realizing it is not always possible to keep maintenance schedules, the barrier film strength of **GR-650** has been maximized to fight excessive friction and wear at high speed, heavy load and in high temperature service. The added chemistry built into **GR-650** allows grease cycle extensions and provides the added protection that is needed if a grease cycle is missed. The main purpose of Dylon's INDUSTRY ENGINEERED grease is to effectively protect your expensive machinery so its life can be extended and your day-to-day operating costs can be reduced.

### FEATURES:

- \* Continuous grease lubrication at 650°F
- \* Solid lubricant protection up to 750°F
- \* Good water resistance
- \* Ideal for extending lubrication cycles
- \* Adheres to moving parts
- \* Exceptional thermal stability
- \* Greater durability for reduced grease consumption
- \* Will not work harden or coke in central lubrication systems
- \* Heavy load and shock loading protection
- \* Easy to use and pump at 0°F
- \* Compatible with seals
- \* Universal application
- \* Excellent high RPM performance

**HIGH TEMPERATURE PERFORMANCE SO SUPERIOR WE GUARANTEE GR-650 WILL OUTPERFORM AND OUTLAST ALL PETROLEUM BASED LUBRICANTS.**

See application information.

### ADDITIONAL FEATURES:

- \* **No Compromises:** **Dylon GR-650** has been engineered to meet the high temperature, heavy duty needs of Industry. Not compromised "down" to meet all purpose grease specifications.
- \* **Quality That Is Guaranteed:** Through extensive research Dylon carefully selects the best base stocks, additives and thickeners. The formulas are precisely balanced and then blended in a modern fully equipped facility. All raw materials and finished products are quality controlled to ensure that you receive the same superior product each time you place an order.



**DYLON LUBRICANT TECHNOLOGIES COMPANY**

A Division of Dylon Industries Inc.

ISO 9001:2000 CERTIFIED

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**\* Work Direct With A Lubricant Manufacturer:** Dylon is a manufacturer of industrial lubricants with over 25 years of experience and proven solutions. If one of your special applications requires a unique lubricant, a custom formula can be designed for you. This special customer service is there when you need it.

**\* Continuous Research,** providing new and improved products, so that you receive the best and most up-to-date technology first from Dylon.

**TECHNICAL INFORMATION:**

Texture	Smooth/Tacky
Penetration:	
Unworked	278
60 Strokes	282
10,000 Strokes	300
Dropping Point	650°F
Timken OK Load, lb.	40
Four Ball EP	
Weld, Kgs	315
Wear, mm	<.40
Copper Strip Corrosion Rating	1A
Roll Stability, % Change	+5.5
Oil Separation, Wt %	0.71
NLGI Grade	00,0,1 & 2
BASE OIL:	
Viscosity at 100° C, cSt	16
Viscosity at 40° C, cSt	213
Viscosity at 210° F, SUS	81
Viscosity at 100° F, SUS	987
Flash Point	540°F
Pour Point	-20°F
Bearing Lift Test, Hrs.	100
Solid Film Additives	MoS <sub>2</sub> Graphite

**APPLICATIONS:**

- \* Torch Pin Rolls
- \* Bearings
- \* Cams
- \* Trunnions
- \* Oven Doors
- \* Cranes
- \* Pillow Block Bearings
- \* Blowers
- \* Coke Ovens
- \* Pumps
- \* Exposed Gear and Drives
- \* Feed Screws
- \* Bushings

**Dylon GR-650** is recommended for tapered roller bearings when the application RPM is less than 1000.

**PACKAGING:**

Cartridges: 14 oz. each in 10 cartridge Mini-packs, or 50 cartridge Cases, 35 lb. Pails, 120 lb. Kegs and 400 lb. Drums.

Additional technical information and/or Material Safety Data Sheets (MSDS) are available upon request.