



In God we trust

POWER™ GREASE

Lithium Complex – EP
NLGI Grade #2 / Penetration 277 / GC-LB /
Dropping Point 531°F / Fire Point 560°F / Pour Point -0°F
Temperature Operating Range - 0°F - 400°F
Oil Viscosity - 210°F and 100°F / Viscosity Index – 95 / Corrosion Test D1743 /
+5.9% Roll Stability Variation

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POWER™ GREASE: A lithium-complex, extreme-pressure grease formulated to out-perform any grease in its class; it is noncorrosive & water-repellent; it will reduce operating temperatures as it treats, seals, and smoothes metal surfaces extending equipment life.

POWER™ GREASE is loaded with extreme pressure agents to noticeably reduce friction, heat, & wear – that in turn - will save energy.

Rigidly tested by ASTM Test Methods, **POWER™ GREASE** (in many cases) can be substituted in place of No. 1, 3, & 4 grades and (in most cases) will out-perform these greases.

ADVANTAGES:

- ♣ **Meets both the NLGI GC and LB classifications**
- ♣ **Friendly to Environment – NO PTFE, NO MOLY, NO GRAPHITE, NO SILICONE**
- ♣ **Offers protection against heat, corrosion, wear, & extreme pressure**
- ♣ **Water Repellent**
- ♣ **Noncorrosive**
- ♣ **Adheres to metal**
- ♣ **SAVES ENERGY as it reduces operating temperatures**
- ♣ **Extends equipment life**

RECOMMENDED FOR:

All Automotive, Industrial, Aviation, Marine, Military, and Railroad applications requiring extreme pressure, anti-wear, semisolid lubricant: Trucks / Automobiles / Construction Equipment / Heavy-Duty Industrial Service / Wheel Bearings in vehicles having disc and drum brakes / U-Joints / Chassis / Fifth Wheel / Conveyers / as well as Heavy-Duty Industrial Ball, Roller, Disc Brake Wheel Bearings, and Sleeve Bearing designs, Pumps, etc.

Ultimate Maintenance – Friendly to the Environment



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SUPERIOR SPECIFICATIONS & WHAT THEY MEAN

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POWER™ GREASE has been rigidly tested via ASTM test methods. The results of these tests exhibit characteristics of a grease that is far superior to other greases of a similar nature. Following is an explanation and comparison of these test methods, along with characteristics of **POWER™ GREASE** as compared to the average greases that are available to industry today.

NLGI GRADE – POWER™ GREASE is a *NLGI Grade No. 2*, NLGI Grade indicates its thickness or consistency. The NLGI scale begins at 0, which is a very liquid-type grease, and escalates to 6, that is extremely firm and approaches the state of a solid. The most common and widely used grade in industry is the No. 2 variety - in many cases, No. 2 can be substituted in place of No. 1, 3 and 4 grades, and in most cases, will outperform the other numbers.

DROPPING POINT – POWER™ GREASE has a *dropping point of 531°F*. The dropping point of grease is that temperature at which grease passes from a semi-solid to a liquid state. It is a qualitative indication of the heat resistance of grease on applications where a semi-solid lubricant is required.

The typical dropping point temperatures of lithium base grease ranges from 350°F. / 400°F. The dropping point of **POWER™ GREASE** far exceeds the high temperature for standard lithium based grease. Should you require a higher dropping point, study our **HIGH-TEMP-RED™** or our **HIGH-TEMP-S™** product information sheets.

PENETRATION - Penetration is the consistency or hardness of grease measured by the distance a standard cone will penetrate the surface by a free fall at a standard temperature. This determines plasticity. **POWER™ GREASE** is listed as an *NLGI No. 2 with a penetration of 277*. This figure is well within the *typical penetration parameters for NLGI No. 2 grease that is 265-295*. These numbers are defined as millimeters and represent the actual cone penetration in millimeters within the grease from a predetermined height and temperature.



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