



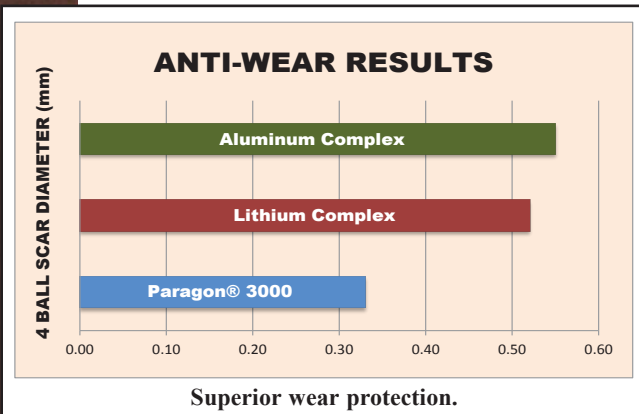
PARAGON 3000

Tomorrow's Grease Today!



Today's fast pace world demands greater and greater performance and protection from its lubricants. Known as a leader in the Specialty Lubricants Industry, Texas Refinery Corp. has developed a one of a kind grease. Indeed, a new generation grease providing the new Millennium the ultimate in equipment protection and cost efficiency. There truly is no other grease like this in both quality and performance. So unique, PARAGON® 3000 is available only from Texas Refinery Corp.

A new generation grease, PARAGON® 3000 has several very interesting characteristics. Unique additives and precision blending empower this grease to provide outstanding protection from wear, water and temperature. Its exceptionally long service life makes it a superior performance investment.

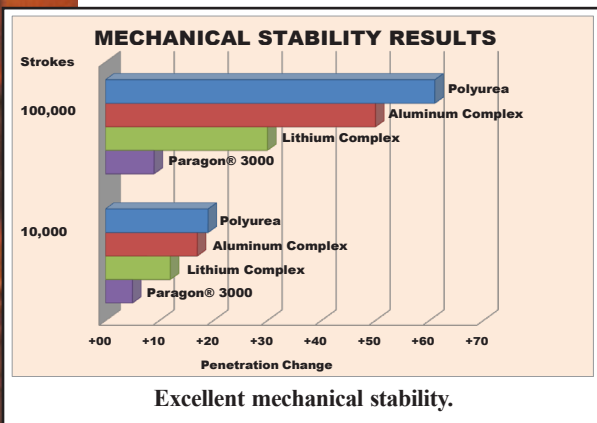


PARAGON® 3000 Offers Outstanding Extreme Pressure Protection

PARAGON® 3000 offers tremendous anti-wear protection. PARAGON® 3000 passes a full 100 lb. Timken OK Load test. Equipment subjected to heavy load and shock loading function at peak efficiency. Unlike many High Timken Value greases, this product offers superior protection throughout the entire range of load. Often special greases manufactured to offer protection under incredibly high loads do not protect from wear when loads are more normal. PARAGON® 3000 offers exceptional anti-wear protection - - regardless of the load - - including a 100 lb. Timken OK Load.

PARAGON® 3000 Is A Very Stable Grease With A Long Working Life

PARAGON® 3000 is an extremely stable grease. This is an indication of its long life in actual working conditions. Many greases change significantly in consistency when in actual operation, often thinning considerably or thickening. PARAGON® 3000 shows very little change in its worked penetration from the 60 round-trip strokes compared to the 10,000 round-trip strokes in a standard grease worker. Even more significant, PARAGON® 3000 changes little even in the 100,000 double stroke test. After 100,000 strokes PARAGON® 3000 changes from a penetration of 280 to 274 in its consistency. Most greases in the 100,000 double stroke test change considerably in their consistency. Some of them become too soft, allowing leakage away from the area where the grease is needed. Other greases become too hard, indicating they may not feed adequately into areas to be lubricated. PARAGON® 3000 is extraordinarily constant and stable, thus providing the ultimate in protection.



PARAGON® 3000 Is Highly Water Resistant

Texas Refinery Corp.'s PARAGON® 3000 is resistant to moisture. This grease can be used in areas where ordinary greases would simply be washed away. PARAGON® 3000 resists being washed off by water and, in fact, displaces water on metal surfaces, keeping those surfaces free from rusting, pitting and corrosion. Extreme pressure protection (100 lb. Timken OK Load), is retained even in the presence of 20% water. This is remarkable for any lubricant - - but not for PARAGON® 3000. This extreme water resistance provides the answer to many current industrial equipment problems. One example where PARAGON® 3000 could be used is in paper mills where heat, water and extreme conditions are present. The more extreme the conditions, the greater PARAGON® 3000 performs.

PARAGON® 3000 Handles Impact And Prevents Wear

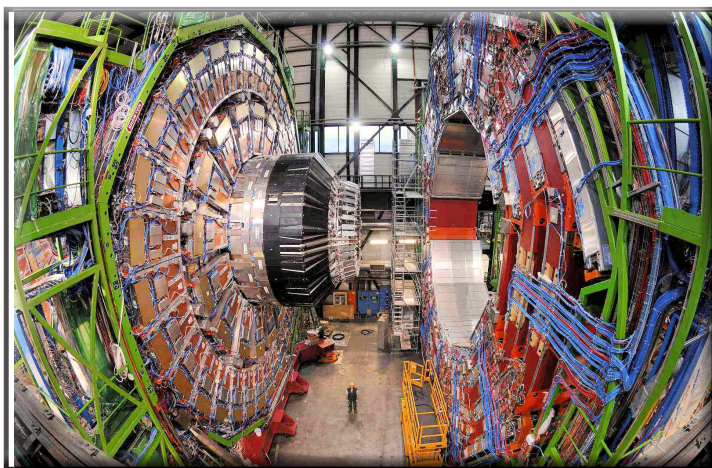
PARAGON® 3000 contains specially developed high impact resistant supplements. These supplements enable PARAGON® 3000 to resist severe and continuous impact. This characteristic enables this grease to prevent wear, ensure longer service life and provide a new dimension in down-time protection. PARAGON® 3000 resists squeezing out and thinning under severe loads, thereby preventing metal to metal contact. The adhesive and cohesive characteristics make this grease suited for many demanding jobs. The adhesive characteristics also help develop a dust shield to prevent contaminants from getting into bearings.

PARAGON® 3000 Is A Unique Grease For Many Different Applications

PARAGON® 3000 is the only grease made using a unique combination of thickeners and additives.

PARAGON® 3000 is ideal for a wide range of applications covering heat, moisture, load, impact and stability questions. It is a true multi-purpose product. Areas of applications would include:

- | | |
|------------------------|------------------------|
| Steel Mills | Buses |
| Paper Mills | Cement Plants |
| Hot Corrugator | Machine Tools |
| Oven Conveyors | Sleeves |
| Mining | Needle Roller Bearings |
| Farming | Wheel Bearings |
| Trucking | Chassis Points |
| Water Treatment Plants | Coal Stokers |
| Asphalt Plants | Glass Lehrs |
| Kilns | Logging |
| Recycling Plants | Automotive |
| Plastic Extruders | Foundries |
| Ball Bearings | Thrust Bearings |
| Chains | Electric Motors |
| Bushings | Slides |
| 5th Wheels | U-Joints |
| Glass Plants | Exhaust Fans |
| Pellet Mills | Anti-Friction Bearings |
| Construction | Roller Bearings |



PARAGON® 3000 Has A Wide Operating Temperature Range

PARAGON® 3000 offers extreme temperature protection. Most greases have dropping points between 140°C and 200°C. PARAGON® 3000 has a dropping point of 332°C. PARAGON® 3000 offers protection at high temperatures when others can not. PARAGON® 3000 has an extra margin of safety for those hot spots. This grease will not melt below 630 degrees F.

PARAGON® 3000 is a special high temperature grease which does not cake-up in lines or bearings. Naturally, at temperatures above

230°C. to 300°C. you must lubricate more frequently.



REGISTERED

NSF Registration No. 128887
Category Code: H2

SPECIFICATIONS

PARAGON® 3000



Product Code	U. S. #8498 CDA #8498	U.S. #8499 CDA #8501	U.S. #8500 CDA #8500
NSF Registration Number			128887
Penetration: Worked 60 Stroke Control Range (ASTM D217-52T)	355 - 385	310 - 340	265-295
NLGI Consistency	No. 0 Grade	No. 1 Grade	No. 2 Grade
Color	Marine Blue	Marine Blue	Marine Blue
Texture	Stringy	Stringy	Stringy
Dropping Point, °F (ASTM D-2265)	600 Minimum	630 Typical	630 Typical
Maximum Recommended Operating Temperature	299°C (570°F)	299°C (570°F)	299°C (570°F)
Combination (ASTM D128-57)			
% Soap	5-6 Maximum	6-8 Maximum	10.0 Maximum
% Filler	Trace	Trace	Trace
% Water	None	None	None
Stability by Penetration . . .			
after 60 worked strokes (ASTM D217-52T)		325	282
Stability by Penetration . . .			
after 10,000 worked strokes (ASTM D217-52T)		320	280
Stability by Penetration . . .			
after 100,000 worked strokes (ASTM D217-52T)		316	274
Extreme Pressure by Timken OK Load Passing At (ASTM D-2509)	80 pounds Minimum	80 pounds Minimum	100 pounds Minimum
Unit Load, PSI	29,000	29,000	29,000
4 Ball EP Test (ASTM D-2596)	315 kg Weld Point	315 kg Weld Point	315 kg Weld Point
4 Ball Wear Test (ASTM D-2266)	.33 mm Scar Diameter	.33 mm Scar Diameter	.33 mm Scar Diameter
Automotive Wheel Bearing by Leakage Tendencies (ASTM) D1263-52T	Pass No Leakage No Varnish	Pass No Leakage No Varnish	Pass No Leakage No Varnish
Oil Separation (ASTM D-1742)	0.00%	0.00%	0.00%
Consistency at Various Temperatures by Unworked Penetration (ASTM D217-52T) Control Range			
@ -18°C (0°F)	285-310	240-265	190-210
@ 25°C (77°F)	355-385	310-340	265-295
@ 38°C (100°F)	390-410	335-355	280-300
Relative Pumpability @ -18°C (0°F), Grams	12.0	8.4	2.7
Oxidation of Grease by Bomb Test (ASTM D942)	.62 PSI Pressure drop for 500 hours	.62 PSI Pressure drop for 500 hours	.62 PSI Pressure drop for 500 hours
Rust Corrosion Test (ASTM D-1743)	Pass	Pass	Pass
Pumpability in Hand Operated Grease Gun (ASTM D1092)	Slow at -29°C (-20°F)	Slow at -26°C (-15°F)	Slow at -20°C (-5°F)
Water Washout @ 79°C (174°F) (ASTM D 1264)	0.65%	0.65%	0.65%

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS).

PARAGON® 3000 is a registered trademark of Texas Refinery Corp.

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CANADA

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