



CL 1600 ULTRA OPEN GEAR GREASE

PRODUCT DESCRIPTION

CL 1600 Ultra Open Gear Grease is formulated with high viscosity base oil with an Aluminum Complex Soap and fortified with a synergistic combination of superior extreme pressure and anti-wear package. It has been specifically engineered to withstand extremely heavy loaded, slow moving, large open gear drives operating in very hostile environments.

CL 1600 Ultra Open Gear Grease exhibits a smooth spray pattern with most spray systems and has a strong affinity to metal surfaces creating a strong film. These properties work together in reducing grease consumption while sealing out and neutralizing contaminants to keep equipment running for longer periods at peak efficiency.

PRODUCT FEATURES

- Extreme Pressure Properties
- Thermal and Shear Stability
- Water and Weather Resistant
- Tacky and Adhesive Film Strength

CUSTOMER BENEFIT

- Superior Additives Protect Metal During Stop-Run Conditions
- Protects Gears from Breakdown and Wear Under Shock Loads
- Does Not Drip Under Running Conditions
- Forms Strong Film on Metal Surface for Better Lubrication

RECOMMENDED APPLICATIONS

CL 1600 Ultra Open Gear Grease is an ultra-high performance lubricant for heavily loaded gears for construction, mining, cement, iron, paper, sugar mills and other industrial equipment where extreme operating conditions prevail. It is recommended for large open gears, bushings, rotary kilns, ball, rod and sag mills, dryers, debarking drums, excavators, shovels, large chains and other rotating machinery with open gear drives. It can also be used as a wire rope due to its outstanding wear and water resistance.

TYPICAL PERFORMANCE DATA

| | | |
|---------------------------|------------|-------------------|
| NLGI Grade | ASTM D-217 | 3 |
| Worked Penetration @ 25°C | ASTM D-217 | 400-430 |
| Thickener Type | DATA | Aluminium Complex |

| | | |
|--------------------------------|-------------|------------|
| Texture | VISUAL | - |
| Color | VISUAL | Black |
| Dropping Point | ASTM D-2265 | - |
| Viscosity @ 40°C, CST | ASTM D-445 | >1000 |
| Viscosity Index | ASTM D-2270 | - |
| Timken Ok Load | ASTM D-2509 | 40- 50 lbs |
| 4-Ball Weld Load | ASTM D-2596 | 800 kg |
| Water Spray – Off, % WT | ASTM D-4049 | - |
| Copper Strip Corrosion | ASTM D-4048 | 1B |
| Rust Prevention | ASTM D-1743 | - |