



COOLANT CONTROL^{INC.}

The right chemistry...

...the right solution

Product Bulletin

Hercules Series EP Gear Oil

Extreme Pressure Industrial Gear Oils

Description

The **Hercules Series** of extreme pressure industrial gear oils is formulated with a new generation of *high temperature durable* extreme pressure additives and the highest quality solvent extracted neutral base oils. These Products meet the requirement for the **American Gear Manufacturers Association** (AGMA) specification **250.04** for EP Lubricants **and U.S. Steel specification No. 224.**

Performance Benefits

- High Temperature Durability
- High Film Strength
- Excellent Oxidative Stability
- Non-Foaming.
- Superior Water Demulsability
- Non corrosive

Typical Characteristics

| Hercules | ASTM | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 8A |
|-------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|
| AGMA Grade | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 8A |
| ISO Grade | | 46 | 68 | 100 | 150 | 220 | 320 | 460 | 680 | 1000 |
| Viscosity @40°C (cSt) | D 455 | 46 | 68 | 100 | 150 | 220 | 320 | 460 | 680 | 1000 |
| Viscosity @ 100°C (cSt) | D2161 | 7.5 | 9.2 | 12.0 | 15.8 | 19.5 | 24.5 | 29.9 | 39.2 | 55.2 |
| Viscosity Index | D2270 | 128 | 98 | 98 | 98 | 98 | 97 | 96 | 90 | 106 |
| Flash Point, °C | D92 | 225 | 229 | 235 | 243 | 246 | 249 | 257 | 268 | 278 |
| Pour Point, °C | D97 | -25 | -25 | -25 | -25 | -22 | -17 | -12 | -9 | -7 |
| Density @ 15.6 deg °C | D4052 | 0.88 | 0.887 | .889 | 0.893 | 0.897 | 0.899 | 0.902 | 0.913 | 0.929 |

