

CYLAN WG OILS



WORM GEAR
LUBRICATION



AGMA compounded worm gear and steam cylinder lubricants

APPLICATIONS

Worm gears

Wet compressor cylinders

- **CYLAN WG OILS** are compounded lubricants designed to lubricate worm gears (WG) as well as steam cylinders. They are manufactured from select base stocks and compounded with fat to provide exceptional metal wetting and water displacement capability.
- **CYLAN WG OILS** lubricate steam cylinders, wet gases, natural gas compressor cylinders and water injection pumps.

SPECIFICATIONS

International specifications

- Meets AGMA Comp gear category (American Gear Manufacturer's Association)
- ISO 6743/0Z ISO code CKE
- DIN code Z

ADVANTAGES

- Excellent lubricity for proper worm gear lubrication
- Mild animal fat odor
- Good low temperature flow properties
- Displaces water and wets metal surfaces
- High resistance to water wash off
- High flash point

TYPICAL CHARACTERISTICS—CYLAN WG OILS

| ISO Grade | 220 | 460 | 680 | 1000 |
|---|-----------|-----------|-----------|-----------|
| AGMA Grade | - | 7 Comp | 8 Comp | 8A Comp |
| Specific Gravity @ 60/60 °F (ASTM D 1298) | 0.887 | 0.892 | 0.895 | 0.926 |
| Viscosity at 40°C, cSt (ASTM D 445) | 210 | 420 | 620 | 960 |
| Viscosity at 100°C, cSt (ASTM D 445) | 18.5 | 28.5 | 36 | 40.6 |
| Viscosity index (D 2272) | 97 | 95 | 93 | 74 |
| Pour Point, °F (°C) (ASTM D 97) | 5 (-15) | 10 (-12) | 20 (-7) | 15 (-10) |
| Flash Point, COC, °F (°C) (ASTM D 97) | 490 (254) | 540 (282) | 570 (299) | 495 (258) |
| Aprox. fat content, weight percent | 1 | 5 | 5 | 6 |

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Sheet updated: 5/10/2010

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