



Product Data Sheet

WORM GEAR OIL

COMPOUNDED WORM GEAR OIL

March 2006

Worm Gear Oil is formulated to meet the exacting lubrication requirements of Worm Gear and worm gear reducer service.

In service **Worm Gear Oil** provides the following benefits:

- ◆ Excellent lubricity under wet or dry conditions
- ◆ Good steam diffusion and wetting performance
- ◆ Excellent rust and corrosion control
- ◆ Excellent film strength to protect worm gears
- ◆ Protection for yellow metals

Product Applications

Because of their compounding Grade 460 falls into the category of AGMA 7 Compounded lubricant for worm gear service. Grade 680 may be used where AGMA 8 Compounded lubricant is required.

Worm Gear Oil is compounded to provide a persistent lubricating film under wet or dry steam conditions or in severe worm gear service.

Worm Gear Lubrication

Worm Gear Oil is an excellent lubricant in worm gear reducer service. It is formulated to meet the recommendations of worm gear reducer builders who specify compounded Worm Gear oils

Product Maintenance and Handling

Worm Gear Oil is manufactured from quality petroleum base stocks blended with carefully selected additives. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact with the skin, splashing into the eyes, ingestion, or vapour inhalation. Please refer to the Material Safety Data Sheet for further information.

Note: This product is NOT controlled under the Canadian WHMIS legislation.

Typical Properties

	Worm Gear Oil	Worm Gear Oil
ISO Viscosity Grade	460	680
AGMA Grade No.	7 Comp	8 Comp
Density @ 15.6°C, kg/m ³	893	923.6
Pour Point, °C	-15	-15
Flash Point, °C	307	290
Viscosity, cSt		
@ 40°C	437	652
@ 100°C	30.4	39.0
Compounding %	5	7

The typical properties shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges