

# ANDEROL PRODUCT DATA SHEET

## ANDEROL<sup>®</sup> 7000 SERIES

HIGH PERFORMANCE SYNTHETIC GEAR  
LUBRICANTS

### GENERAL INFORMATION

ANDEROL7000 Series Gear Lubricants are high performance products developed in cooperation with major gear manufacturers, designed primarily for industrial worm gear application, but may also be considered as a general-purpose gear lubricant for critical applications. These fluids are Polyalkylene glycol (PAG) synthetic based fluids that provide excellent thermal and oxidative stability, load carrying ability, and sludge-free performance over an extremely wide temperature range. In addition, these fluids have low foaming tendencies and good rust protection, even in salt-water environs.

### TYPICAL PROPERTIES:

PROPERTY	METHOD	7150	7220	7460
ISO Viscosity Grade	---	150	220	460
Kinematic Viscosity, 40 °C, cSt	ASTM D-445	147	230	400
Kinematic Viscosity, 100°C, cSt	ASTM D-445	24.5	35.8	80.0
Viscosity Index	ASTM D-2270	200	205	279
Specific Gravity, 15°C, g/cm <sup>3</sup>	ASTM D-4052b	1.007	1.034	1.044
Pour Point, °C (°F)	ASTM D-97	-35 (-33)	-32 (-25)	-32 (-25)
Total Acid Number, mg KOH/g	ASTM D-664	0.6	0.6	0.6
Flash Point, °C (°F)	ASTM D-92	277 (530)	293 (560)	297 (568)
Rust Protection	ASTM D-665B	Pass	Pass	Pass
FZG Gear Test, Final pass stage	Din 51354	11	12	12

**ANDEROL 7000 SERIES**

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**For more information please refer to the relevant Material Safety Data Sheet accompanying each product.**

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## APPLICATIONS

Worm gear applications  
General-purpose Gear Lubricant  
Other Applications requiring high

## ADVANTAGES

- Improved Efficiency:
1. Reduced power input
  2. Less friction
  3. Lower operating temperature
  4. Less power consumption
  5. Reduced wear and maintenance
  6. Efficient power transmission
- Improved Thermal Stability  
Results in:
- Longer service life
  - No sludge formation
  - Negligible viscosity change
- High Viscosity Index: Provides multi-grade viscosity-type performance  
Excellent fluidity at low temperature
- Lower Pour points
- Excellent Corrosion Inhibition: Even in the presence of salt water

## COMPATIBILITY

Seals: ANDEROL 7000 Series PAG fluids may be used with all common seal materials except leather.

Paints: High quality epoxy or red lead based paints should be used, as the synthetic base-stock tends to soften certain paints.

Flush: When changing over from a conventional mineral oil or grease, care should be taken to minimize contamination by decomposition products from the previous lubricant. Flush with a light mineral oil followed by a light petroleum solvent rinse and air dry.

A7000s: 10/16/03DL



**ANDEROL**<sup>®</sup>  
Specialty Lubricants

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