



## ENDURATEX™ MILD WORM GEAR OIL

### Introduction

ENDURATEX™ Mild WG Oil has been specially compounded for service in both enclosed worm gear reducers and steam cylinders. The carefully selected base oils are blended with fatty additives to produce a lubricant with high film strength, high flash point and excellent rust and corrosion protection qualities. With this optimum property combination, ENDURATEX Mild WG Oil delivers superior performance in diverse, severe applications.

### Features and Benefits

- **Excellent lubrication properties**
  - High adhesion to gear teeth extends gearbox life and reduces maintenance costs
- **Resistance to rust and corrosion**
  - Protects yellow metal gear components from wear and chemical attack
- **Good resistance to high temperature lubricant breakdown**
  - Designed to extend equipment life and reduce maintenance costs
- **Contains stable fatty additive**
  - Good adhesion of lubricating film to sliding worm gear surfaces
  - Excellent load carrying ability

### Applications

ENDURATEX Mild WG Oils are ideally suited for the lubrication of enclosed worm gear reducers. Consult the equipment manufacturer's recommendation to select the appropriate ENDURATEX Mild WG Oil grade.

ENDURATEX Mild WG Oils used in steam cylinder applications should be selected according to the service steam pressure.

Grade	Pressure psi	Pressure kPa
ENDURATEX MILD WG OIL 460	100 to 150	700 to 1050
ENDURATEX MILD WG OIL 680	150 to 200	1050 to 1400
ENDURATEX MILD WG OIL 1000	Over 200	Over 1400

### What is the HT difference?

Petro-Canada Lubricants starts with the HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



\*Due to blend variability, the viscosity and VI may occasionally fall below AGMA limits for 8A, but still remain within the limits of an ISO VG 1000 gear oil.

## Typical Performance Data

PROPERTY	ASTM TEST METHOD	ENDURATEX MILD WG OIL		
		460	680	1000
Density, kg/l @ 15°C lb/gal @ 60°F	D4052	0.904 7.54	0.911 7.60	0.919 7.67
Colour, ASTM	D1500	8.0	>8.0	8.0
Flash Point, COC , °C (°F)	D92	311 (592)	313 (595)	309 (588)
Pour Point, °C (°F)	D5950	-3 (27)	0 (32)	0 (32)
Viscosity, cSt @ 40°C cSt @ 100°C	D445	444 28.6	669 36.5	900 42.3
Viscosity Index	D2270	91	89	84
Copper corrosion, 3h @ 100°C	D130	1b	1b	1b

The values quoted above are typical of normal production. They do not constitute a specification.

To order product or to learn more about how Petro-Canada Lubricants can help your business visit: [lubricants.petro-canada.com](http://lubricants.petro-canada.com) or contact us at: [lubecsr@petrocanadalsp.com](mailto:lubecsr@petrocanadalsp.com)



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