



## 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 ENDURATEX Mild WG Oil grade with the appropriate AGMA compounded lubricant designation.

Grade	AGMA Number
ENDURATEX MILD WG OIL 460	7 Compounded
ENDURATEX MILD WG OIL 680	8 Compounded

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

#### What is the HT difference?

Petro-Canada 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.



## Typical Performance Data

PROPERTY	ASTM TEST METHOD	ENDURATEX MILD WG OIL	
		460	680
AGMA designation	AGMA	7 Comp.	8 Comp.
Density, kg/l @ 15°C lb/gal @ 60°F	D4052	0.904 7.54	0.911 7.60
Colour, ASTM	D1500	8.0	>8.0
Flash Point, COC , °C (°F)	D92	311 (592)	313 (595)
Pour Point, °C (°F)	D5950	-3 (27)	0 (32)
Viscosity, cSt @ 40°C cSt @ 100°C SUS @ 100°F SUS @ 210°F	D445	444 28.6 2385 140	669 36.5 3626 177
Viscosity Index	D2270	91	89
Copper corrosion, 3h @ 100°F	D130	1b	1b
Compounding, wt %	D94	5	5

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

## Health and Safety

To obtain Material Health and Safety Data Sheets (MSDS), contact one of Petro-Canada's TechData Info Lines.



## TechData Info Lines

To place an order, please call a Customer Order Management Representative at :

**Canada (English)** . . . . . Phone 1-800-268-5850  
**(French)** . . . . . Phone 1-800-576-1686  
**United States** . . . . . Phone 1-877-730-2369  
**Latin America** . . . . . Phone +1-416-730-2369  
**Europe** . . . . . Phone +1-416-730-2389  
**Asia** . . . . . Phone +1-416-730-2372  
**China** . . . . . Phone +86 (21) 6362-0066

To learn more about how Petro-Canada lubricants, specialty fluids, oils and greases can help maximize your equipment performance, savings and productivity, please contact us at :

**North America** . . . . . Phone 1-866-335-3369  
**Europe** . . . . . Phone +44 (0) 121-781-7264  
**Germany** . . . . . Phone +49 (0) 201-726-2913  
**Latin America** . . . . . Phone +1-416-730-2369  
**Asia** . . . . . Phone +1-416-730-2372  
**China** . . . . . Phone +86 (21) 6362-0066  
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Visit us on the web at [lubricants.petro-canada.com](http://lubricants.petro-canada.com)

IM-7918E (2015.03)

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