

**PRODUCT SPECIFICATIONS & TECHNICAL DATA**

**PETROFLO WORM GEAR OIL 460 / 680 / 1000**

**PETROFLO WORM GEAR OIL 460 / 680 / 1000** represents current technology for the lubrication of industrial worm gear drives. **PETROFLO WORM GEAR OIL** are compounded to provide extra lubricity and friction modification under heavy loads and temperatures. **PETROFLO WORM GEAR OIL** excellent in industrial worm gears where high starting loads are experienced.

**FEATURED**

**ADVANTAGES**

**BENEFITS**

Full range of ISO grades  
Compounded for Worm  
Gears (ISO, 460, 680 and  
1000).

Extra "oiliness" where a  
high degree of sliding motion  
under heavy pressure is  
present in worm gear sets

Maximum performance and  
life in worm gear sets.

Balanced additive package

Additive stability in worm gear  
Sets utilizing bronzing gears.

longer equipment life.

Excellent demulsibility.

Promotes rapid water  
Separation where  
Contamination

Additional savings through  
extended lubrication life.

Outstanding oxidation  
Inhibitors.

Little or no oil thickening and  
the formation of acid, varnish  
and sludge due to oxidation of  
the oil is minimized.

Cost savings through extended  
lubricant life.

**TYPICAL ANALYSIS**

	<b>460</b>	<b>680</b>	<b>1000</b>
<b>ISO Grade</b>	460	680	1000
<b>AGMA No.:</b>	7 Comp.	8 Comp.	8A Comp.
<b>Viscosity cSt @ 40° C</b>	475	700	1000
<b>Viscosity cSt @ 100° C</b>	30.5	37.0	45.5
<b>Viscosity SUS @ 100° F</b>	2500	3900	5206
<b>Viscosity SUS @ 210° F</b>	150	180	222
<b>Viscosity Index</b>	94	86	89
<b>Flash Point °C (°F)</b>	235 (455)	293 (560)	293 (560)
<b>Pour Point °C (°F)</b>	-12 (10)	-7 (20)	-7 (20)
<b>Gravity, API</b>	24.2	21.3	20.4
<b>Specific Gravity, @ 60° F</b>	0.9088	0.9260	0.9315

The above analyses are typical inspections only and the finished product may vary from batch to batch.