

# Worm Gear Oil (WG2)



## Product Description

Podlee Worm gear oil is a specialized lubricant designed for worm gear drives, a type of gear system where a worm (a screw-like component) meshes with a worm wheel (a helical gear). These systems are widely used in industrial machinery, automotive steering systems, and heavy-duty equipment due to their high torque transmission and compact design.

## Application

Ideal for industrial worm gearboxes, heavy-duty machinery, and precision automotive steering systems requiring high load-carrying capacity and durability.

## Advantages

- Optimized Oil-Soluble Additive Formulation.
- Superior Extreme Pressure (EP) & Anti-Wear Performance.
- Enhanced Oxidation Stability & Material Compatibility.
- Balanced Additive System for Multi-Metal Protection.

## Typical Characteristics

Item	Test Data				Standard
Viscosity (mm <sup>2</sup> /s@104 F / 40 °C)	220	320	460	680	ASTM D445
Viscosity Index	98	99	99	96	ASTM D2270
Flash Point – Open Cup Method, (°F/°C)	446/230	464/240	518/270	554/290	ASTM D92
Pour Point (°F/°C)	5/-15	3.2/-16	3.2/-16	3.2/-16	ASTM D97
Water (%)	None	None	None	None	ASTM D95
Mechanical Impurities	None	None	None	None	ASTM D6217
Water-soluble Acids and Alkalis	None	None	None	None	ASTM D1093

## Package

18 L/Barrel

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