

## Product Data Sheet



# HB-1528 Crown Tech Food Grade Gear Oil

### DESCRIPTION:

**HB-1350 Synthetic Food Grade AW Hydraulic Oil** is designed for use in food machinery worm gears, spur gears, and valves. These are formulated with a high-purity white mineral oil and additive system for food processing applications. These are available in ISO grades 150, 220, 320, and 460.

Does not contain any natural products derived from animals, nuts, or genetically modified organisms (GMOs).

Suitable for use where vegetarian and nut-free foods are prepared.

### BENEFITS:

Colorless, odorless, tasteless, non-staining lubricants that provide excellent wear, rust, and oxidation protection. Meets the requirements of U.S. FDA regulation 21 CFR 178.3570 for incidental food contact. NSH H1 registered for use in food processing plants under the jurisdiction of the USDA.

General purpose lubricants for machinery that processes, packages, or transports food for human consumption.

Recommended for use in food machinery worm gears, spur gears, and valves.

ISO 150 grade is recommended for lubrication of rotary can seaming machines equipped with a total loss system, such as those made by Angelus Sanitary Can Seaming Company.

#### H & B Industries, Inc.

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ISO Grade:	150	220	320	460
Four-Ball Wear ASTM D4172	0.32	0.34	0.34	0.34
Scar, mm @ 20 Kg	4EP	5EP	6EP	7EP
ANSI/AGMA 9005-E02	6000	6000	6000	6000
Oxidation Stability hrs. ASTM D943	Yes	Yes	Yes	YES
FDA, 21CFR 178.3570				Yes
Gravity, °API ASTM D4052	30.3	29.3	30.3	28.9
Density, lb./gallon	7.28	7.33	7.28	7.35
Flash Point, COC, °C (°F) ASTM D92	238	240	246	242
Pour Point, °C (°F) ASTM D97	-7	-7	-7	-7
Viscosity ASTM D445 cSt at 40°C	148	220	320	460
Viscosity Index ASTM D2270	105	105	105	105
Rust Test ASTM D665A	Pass	Pass	Pass	Pass
		<b>220</b>	<b>320</b>	<b>460</b>
		0.34	0.34	0.34
		5EP	6EP	7EP
		6000+	6000+	6000+
		Yes	Yes	Yes

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