

**Gear Oil (Full Synthetic)
Extreme Pressure (EP)**

*ISO 68 (2EP), 100 (3EP), 150 (4EP), 220 (5EP)
320 (6EP), 460 (7EP), 680 (8EP)*

American Oil since 1895® Full Synthetic EP Gears Oils are high quality extreme pressure industrial gear oils designed for use in gear and bearings operating under extreme temperatures and severe service, heavy loaded and/or shock conditions. **American Oil since 1895® Full Synthetic EP Gears Oils** are formulated with premium high quality full synthetic (PAO) based oils and fortified with extreme pressure additives, anti-wear protection, oxidation inhibitors, thermal stability, rust and corrosion and water separation properties.

American Oil since 1895® Full Synthetic EP Gears Oils are formulated for industrial gear sets calling for a high quality, extended drain and severe service premium industrial gear oil. Application include agitator drives, centrifuge gear boxes, extruder reducers and industrial gear drives including herringbone, straight bevel types, spur, helical and double helical. **American Oil since 1895® Full Synthetic EP Gears Oils** reduce down time due to extended change intervals, high viscosity index (VI), wide temperature ranges, longer life than conventional oils.

Expect Superior Performance when utilizing **American Oil since 1895® Full Synthetic EP Gears Oils** in all major industrial gear manufactures products such as David Brown, Lufkin, Falk, Amarillo and performance requirements including AGMA 250.04, U.S. Steel 224 specification, as well as Cincinnati Milacron P-76, P77, P74, P59 and P, 35.

Typical Test Data

Typical Properties:	ASTM Test Method	68	100	150	220	320	460	680
ISO Viscosity Grade		68	100	150	220	320	460	680
Viscosity 40°C cst	D445	68	102	151	237	318	480	678
100°C cst		9.9	13.2	17.7	24.9	28.7	41.0	60.5
Viscosity Index	D2270	145	150	150	145	145	145	145
Pour Point °C	D97	-48	-45	-45	-37	-37	-30	-20
°F		-55	-49	-49	-33	-33	-22	-4
Flash Point °C	D92	240	240	245	245	245	250	250
°F		464	464	473	473	473	482	482
Timken O.K. Load Lbs.	D2782	75	75	80	85	85	85	80
Rust Prevention	D665	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion	D130	1B	1B	1B	1B	1B	1B	1B
Specific Gravity	D1298	0.86	0.86	0.87	0.87	0.87	0.88	0.88
AGMA Lube Number		2 EP	3 EP	4 EP	5 EP	6 EP	7 EP	8 EP

The typical test data for these products are intended as averages only. Minor variations, which do not affect each of the product's performance, are expected and are part of the normal manufacturing process. For further information on the safe use and handling of these products, please refer to the appropriate Material Data Safety Sheet. The information in this data sheet is, to the best of American Oil & Supply Co's knowledge, true and