

COMPOUND GEAR/STEAM CYLINDER LUBRICANTS

ISO GRADES 68 – 680

Typical Properties

ISO Grade	68	100	150	220	320	460	680
AGMA Number	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP	8 EP
Viscosity, cSt							
At 40 C	67.6	101.8	147.8	220.9	320.9	475.3	678.3
At 100 C	8.5	11.2	14.4	18.8	24.0	31.0	39.0
Viscosity, SUS							
At 100 F	353	460	788	1166	1707	2478	3691
At 210 F	52	62	73	85	106	132	159
Viscosity Index	95	95	95	95	95	95	95
Pour Pt, Deg F/C	-15/-26	-15/-26	-10/-23	-5/-21	-5/-21	0/-18	+5/-15

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Compounded Gear Oils are high-quality lubricants developed for the lubrication of industrial and automotive worm gear drives operating at moderate to high temperatures, and for the lubrication of steam engine cylinders and valves. Compounded Gear Oil is formulated with high quality paraffinic base stocks. It has high film strength and excellent oiliness characteristics for effective lubrication of worm gears. It emulsifies with water to maintain excellent lubricity in the presence of steam and moisture to protect and lubricate cylinder and valve surfaces in steam engines.

APPLICATIONS

Compounded Gear oil is suitable for use in Industrial worm gear drives made with non-ferrous alloys (bronze-on-steel), differentials on antique automobiles that require a high-viscosity, compounded gear oil, steam engine cylinders and valves, bearings on steam-heated calender or mixer rolls, screw-down bolts and nuts on aluminum and steel rolling mills, heavily loaded, low-speed bearings subject to moisture contamination, cylinders of gas compressors handling wet natural gas, applications where an SAE 140, SAE 190 or SAE 250, API GL-2 gear oil is specified Compounded Gear Oil meets the following industry specification(s): • AGMA 9005-F16 Compounded Lubricants (CP)