

**PRODUCT DESCRIPTION**

CanLine Industrial GEAR-OIL comprises a family of CanLine Gear Lubricants designed to operate over a wide range of temperatures and Extreme Pressure conditions. These fluids possess excellent oxidation stability and superior low temperature fluidity. Industrial Gear Oils have the ability to rapidly separate from water and prevent the formation of anti-lubricating emulsions. The incorporation of special additives in *CanLine Industrial Gear Oils* protects equipment from rust, corrosion and foam. In addition, additives provide optimum protection against shock loading.

*CanLine Industrial Gear Oils* find application in virtually all types of industrial settings. Some typical applications includes Gear-sets and Oil Circulating systems in steel mills, foundries, glass and bottle manufacturing plants, injection molding machines, paper mills, electrical wheel motors used in surface mining, shearing arms in underground coal mining, cement kilns, petroleum and chemical processing plants etc.

**APPLICATIONS / BENEFITS**

- ✓ Excellent low and high temperature performance.
- ✓ Prevents rust and corrosion.
- ✓ Reduces galling, scuffing and welding of gear teeth.

**TYPICAL CHARACTERISTICS**

TEST DESCRIPTION	METHOD	TYPICAL RESULTS						
		68	100	150	220	320	460	680
ISO Viscosity Grade								
Specific Gravity @ 15 <sup>0</sup> C	ASTM D-4052	0.884	0.888	0.896	0.898	0.900	0.905	0.912
Flash Point, <sup>0</sup> C	ASTM D-92	190	195	198	208	215	220	225
Pour Point, <sup>0</sup> C	ASTM D-97	- 12	- 9	- 9	- 9	- 6	- 6	- 6
Kinematics Viscosity @ 40 <sup>0</sup> C (cSt)	ASTM D-445	67.2	98.2	151	226.4	327.4	463	670.3
@ 100 <sup>0</sup> C (cSt)	ASTM D-445	8.6	11.1	14.7	19.18	24.43	30.5	39.13
Viscosity Index	ASTM D-2270	98	98	96	95	95	95	96

The values mentioned are typical, depend upon the quality of the base oil available and cannot be used to reject the product. However these properties can be altered to meet the specific requirement of the process/equipment

**PERFORMANCE STANDARDS**

- US Steel 224
- DIN 51517 Part 3
- AGMA 9005-E02