



CITGO SENTRY® OILS

Date 03/18

**DESCRIPTION:** CITGO Sentry Oils are a complete line of highly-refined, non-additive mineral oils for bearing and other general purpose lubrication.

**QUALITIES:** They are made with high viscosity index base stocks having high thermal stability. Available in several viscosity grades, these oils provide good lubrication with low maintenance costs, and have the necessary characteristics to permit their use in many applications.

**APPLICATIONS:** CITGO Sentry Oils are recommended for general lubrication of industrial machinery, machine tools, engine bearings, and other plant equipment where a non-additive mineral oil is desired. Grades 19 through 68 are recommended for heat transfer applications and in hydraulic systems where pressures or temperatures are moderate. They can be used in many applications where high oil loss makes the use of a lower cost product desirable. CITGO Sentry Oils can be used as diluents for cutting oil bases, flushing oils, form oils for brick presses and steel concrete forms, lubricants for small electric motors, and other applications where a non-additive mineral oil is desired.

**TYPICAL PROPERTIES:**

**CITGO SENTRY® OILS**

Grade	15	19	32	68	129	460
Material Code	637001001	637019001	637004001	637006001	637099001	637015001
Gravity, ASTM D4052, °API	33.1	32.9	31.0	29.9	30.5	26.5
Density, lb/gal at 60°F	7.16	7.17	7.25	7.30	7.28	7.46
Flash Point, COC, ASTM D92, °F (°C)	380 (193)	388 (198)	424 (218)	465 (241)	516 (269)	595 (313)
Viscosity:						
ASTM D445, cSt at 40°C	15.7	19	32	65.3	112	460
ASTM D2161, SUS at 100°F	90	105	158	339	600	2500
Viscosity Index, ASTM D2270	90	95	95	93	99	95
Pour Point, ASTM D97, °F (°C)	5 (-15)	5 (-15)	5 (-15)	10 (-12)	8 (-13)	10 (-12)
Color, ASTM D1500	L0.5	1.0	1.0	1.0	0.5	5.0
ISO VG No.	15	—	32	68	—	460

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