CITGO ROCK DRILL OILS

Date 04/18

DESCRIPTION: CITGO Rock Drill Oils are premium lubricants designed for protection of pneumatic equipment subjected to excessive moisture or water spray.

QUALITIES: CITGO Rock Drill Oils work to ensure outstanding equipment protection by providing:

- Excellent metal wetting (preferential to water) and extra adhesiveness for more effective lubrication.
- Extreme Pressure (EP) wear protection, optimized with emulsification properties, guards against wear in high moisture conditions.
- Premium rust and corrosion protection and antifoam properties.
- High viscosity index, low pour point temperature and excellent stability enhance lubrication of pneumatic equipment over a wide range of conditions.

APPLICATIONS: CITGO Rock Drill Oils meet the general requirements of major manufacturers of rock drills, jack hammers, and other types of pneumatic percussion equipment manufactured by Ingersoll-Rand, Gardner-Denver, Mincon, and others.

TYPICAL PROPERTIES:

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ISO Grade	**46**	**100**	**320**
Material Code	633212001	633214001	633217001
Gravity, ASTM D4052, °API	31.7	30.2	26.4
Density, lb/gal at 60°F	7.22	7.26	7.46
Flash Point, ASTM D92,°F (°C)	410 (210)	486 (252)	504 (262)
Viscosity, cSt at 40°C	47.5	103	328
cSt at 100°C	7.7	12.1	26.4
Viscosity Index	136	109	105
Pour Point, ASTM D97, °F (°C)	-17 (-27)	-11 (-24)	10 (-12)
Copper Corrosion, ASTM D 130	1A	1A	1A
Timken EP Test, ASTM D2782, lbs.	>65	>65	>65
Falex Load Test, ASTM D3233, ft-lbs.	>2000	>2000	>2000
Steam Emulsion Number, seconds	>1200	>1200	>1200

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