



CITGO DIAMOND OILS

Date 1/09

- DESCRIPTION:** CITGO Diamond Oils are low viscosity, light color, low fluid-friction lubricants, designed primarily for use in machinery in the textile industry. The properties of these oils also make them suitable for a number of other applications.
- QUALITIES:** CITGO Diamond Oils provide a high degree of lubrication and low fluid-friction loss required for top performance in high speed spindle bearings, and are compatible with all types of filtration systems. Their superior oxidation stability under moderate temperature conditions, and excellent water separation capability make them excellent machine oils for use where lubrication and temperature conditions are mild.
- APPLICATIONS:** CITGO Diamond Oils are recommended for general machinery lubrication, for knitting machinery needle heads, textile machinery spindles and twister rings, sewing machines, small electric motors. They can be used in all types of dispensing systems including centralized mist and air-line lubricators.

TYPICAL PROPERTIES:

CITGO DIAMOND OILS

ISO Vis Grade	7	20
Material Code	633090001	633092001
Gravity, ASTM D 4052, °API	40	37.0
Flash Point, ASTM D 92, °F (°C)	305 (152)	365 (185)
Viscosity, ASTM D 445, cSt at 40°C	7.01	20
ASTM D 2161, SUS at 100°F	48.8	105
Pour Point, ASTM D 97, °F (°C)	-44 (-42)	15 (-9)
Color, ASTM D 1500	L0.5	L1.5
Water Separation time, ASTM D 1401, Minutes at 130°F	10	30