



CITGO DIAMOND OIL

Date 01/06

DESCRIPTION: CITGO Diamond Oil is a low viscosity, light color, low fluid-friction lubricant, designed primarily for use in machinery in the textile industry. The properties of this oil also makes it suitable for a number of other applications.

QUALITIES: CITGO Diamond Oil provides a high degree of lubrication and low fluid-friction loss required for top performance in high speed spindle bearings, and is compatible with all types of filtration systems. It's superior oxidation stability under moderate temperature conditions, and excellent water separation capability makes it excellent machine oil for use where lubrication and temperature conditions are mild.

APPLICATIONS: CITGO Diamond Oil is recommended for general machinery lubrication, for knitting machinery needle heads, textile machinery spindles and twister rings, sewing machines, small electric motors and machine tool spindle bearings, and for parallel-shaft enclosed gears where conditions are mild. It can be used in all types of dispensing systems including centralized mist and air-line lubricators.

TYPICAL PROPERTIES:

CITGO DIAMOND OIL

ISO Vis Grade	20
Material Code	633092001
Gravity, ASTM D 4052, °API	33.0
Flash Point, ASTM D 92, °F (°C)	365 (185)
Viscosity, ASTM D 445, cSt at 40°C	20
ASTM D 2161, SUS at 100°F	105
Pour Point, ASTM D 97, °F (°C)	15 (-9)
Color, ASTM D 1500	L1.5
Water Separation time, ASTM D 1401, Minutes at 130°F	30