

VERKOL GT-7 / ISO-320

Typical Characteristics:

Colour	Red
Density at 15°C, g/cm ³	0.902
ISO viscosity grade	320
Viscosity index, ASTM D-2270	100
Pour point, ASTM D-97, °C	-18
Flash point, ASTM D-92, °C	224
Water separability, ASTM D-1401 (40/37/3), minutes	15
Rust preventing test, ASTM D-665	Pass
Copper strip corrosion (3h/100°C), ASTM D-130	1a
Four ball machine	
Wear scar (1min/80kg), IP-239, Ø, mm	0.40
Weld point, IP-239, kg	380
EP Timken machine, ASTM D-2782, pounds OK	65
FZG test (A/8.3/90), DIN 51354, failure load stage	12

Applications:

VERKOL GT-7 / ISO-320 is a combination of highly refined paraffinic mineral oil, with the most modern additives. It incorporates oxidation inhibitors and specific anti-corrosive additives, that reinforce its thermal stability, to work at high temperatures and resulting in a longest life of the lubricant.

This mixture, denominated “all uses” for gears, obtains excellent results in industrial gears (specially in gearboxes with inverted direction), bearings, plain bearings and gears lubricated by circulation, injection or splash, where fluids with extraordinary anti-wear power and extreme pressure are needed.

It possesses excellent water separation properties (facilitating its elimination by a simple purge), protective qualities of corrosion and rust, as well as against the foam formation.

VERKOL GT-7 / ISO-320 bases its properties on the chemical combination of sulphur/phosphorous/nitrogen and contains neither heavy metals nor halogens.

Meets the requirements of DIN 51517 Part 3-CLP-320 standard and U.S. Steel-224 and AGMA 9005-E02 specifications.