

OMNIGEL 300

SYNTHETIC POWDER METAL BEARING MICROGEL

APPLICATIONS:

The MicroGel takes impregnating oils to a higher level of performance. The MicroGel is intended for use in the oil reservoir surrounding the bearing, allowing the synthetic impregnating oil suspended in the gel to migrate into the bearing providing extended bearing life. MicroGel contains no soap grease thickeners. This product is a gel form of the impregnating oil.

The OmniGel 300 is a MicroGel based on our Omnilube® plastic compatible oils and intended for use in conjunction with powder metal bearings that have been impregnated with these same oils. Other MicroGels are available based on our Syntroil® series of powder metal bearing lubricants.

TYPICAL INDUSTRIAL APPLICATIONS:

- Impregnating Applications

PERFORMANCE BENEFITS:

- May dispense in excess of 40%
- Increased bearing service life
- Plastic compatibility
- Thermal stability
- Excellent oxidation resistance
- Increase or decrease flow of oil into bearing with choice of gel

TYPICAL PROPERTIES	TEST METHOD	OmniGel 300-1 & 300-2
Base Oil	---	Synthetic
Viscosity @ 40°C,cSt	ASTM D445	65
Viscosity @ 100°C,cSt	ASTM D445	9.1
Viscosity Index	ASTM D2270	125
Flash Point, °F	ASTM D92	>450
Evaporation 22 hrs.@210°F, %	ASTM D972	<0.4
Water Washout	ASTM D1264	Nil