

OMNIGEL 60 and 300

SYNTHETIC POWDER METAL BEARING MICROGELS

Applications:

The MicroGels take impregnating oils to a higher level of performance. The MicroGels are 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. MicroGels contain no soap grease thickeners. These products are a gel form of the impregnating oil.

The OmniGel series are MicroGels based on our Omnilube[®] plastic compatible oils and are 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 60-1 & 60-2	OmniGel 300-1 & 300-2
Base Oil	---	Synthetic	Synthetic
Viscosity @ 40°C,cSt	ASTM D445	5.8	65
Viscosity @ 100°C,cSt	ASTM D445	1.9	9.1
Viscosity Index	ASTM D2270	152	125
Flash Point, °F	ASTM D92	320	>450
Evaporation 22 hrs.@210°F, %	ASTM D972	4.6	<0.4
Water Washout	ASTM D1264	Nil	Nil

OMNIGEL

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HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com

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