

OMNILUBE® 300 and 350

SYNTHETIC PLASTICS COMPATIBLE IMPREGNATING LUBRICANTS

APPLICATIONS:

Omnilube® 300 & 350 were developed specifically for powder metal bearings in electric motors where compatibility with plastics such as polystyrene or other plastic material is required. These premium fluids are typical of all Ultrachem Impregnating Oils in their cleanliness, longevity, wide useful temperature range and low volatility.

Omnilube 300G and 350G are formulated with the addition of colloidal graphite, which has been milled to an average particle size of 0.5 micron. These versions help eliminate dry startups, chirping or squeaking at low temperatures, and reduce wear in high wear applications. The graphite addition does not change the typical properties listed below.

TYPICAL INDUSTRIAL APPLICATIONS:

- Impregnating Lubricant
- Electric Motors

PERFORMANCE BENEFITS:

- Compatible with many plastics we have tested, including several polystyrene and Noryl compounds
- Inhibited to prevent rust and oxidation
- High viscosity index
- Extreme long life
- Non-gumming
- Omnilube 300G & 350G: Containers should be mixed before opening or using for even distribution of graphite.

Omnilube plastic compatible greases are also available.

TYPICAL PROPERTIES	TEST METHOD	Omnilube 300	Omnilube 350
Viscosity @ 40°C,cSt	ASTM D445	64.7	65.4
Viscosity @ 100°C,cSt	ASTM D445	9.1	11.4
Flash Point, °C/°F	ASTM D92	238/460	238/460
Pour Point, °C/°F	ASTM D97	-54/-65	-51/-60
Evaporation Loss, %	ASTM D972	0.31	0.30
Lbs./Gal.	---	6.95	6.97
Graphite Particle Sizes, average micron	---	0.5-1.0	0.5-1.0
Graphitic Carbon Content, %	---	0.3-0.5	0.3-0.5
Specific Gravity	ASTM D4052	0.834	0.837