



OMNILUBE[®] 550, 850 and 2500

SYNTHETIC PLASTICS COMPATIBLE IMPREGNATING LUBRICANTS

Applications:

Omnilube 550, 850 and 2500 are heavier versions of our other Omnilubes. Compatible with a wide variety of plastics, they are designed for use in powder metal sleeve bearings, felts, wicks, and gears that require a more viscous fluid than Omnilube 100, 300, or 350.

Omnilube 550G is formulated with the addition of colloidal graphite, which has been milled to an average particle size of .5 micron. This version helps eliminate dry start-ups, chirping or squeaking at low temperatures, and reduces wear in high wear applications. Omnilube 850 is not available with graphite.

Typical Industrial Applications:

- Impregnating Lubricant
- Refrigerator Frost Free Motors
- 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 550G: 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 550	Omnilube 850	Omnilube 550G	Omnilube 2500
Viscosity @ 40°C,cSt	ASTM D445	112.0	185	106.5	550
Viscosity @ 100°C,cSt	ASTM D445	16.4	21.7	15.7	48
Viscosity Index	ASTM D2270	160	160	157	143
Flash Point, °C/°F	ASTM D92	243/470	243/470	243/470	264/507
Pour Point, °C/°F	ASTM D97	-48/-55	-48/-55	-48/-55	-34/-29
Evaporation Loss, %	ASTM D972	0.2	0.1	0.2	0.2
Lbs./Gal.	---	7.00	6.99	7.00	7.17
Graphite Particle Sizes, average micron	---	---	---	0.5-1.0	---
Graphitic Carbon Content, %	---	---	---	0.3-0.5	---
Specific Gravity	ASTM D1298	0.84	0.84	0.85	0.86

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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