

OMNILUBE® MA-1

SYNTHETIC EP GREASE FOR EXTREME CONDITIONS. CONTAINS PTFE.

APPLICATIONS:

OMNILUBE® MA-1 is a full synthetic grease, suitable for extreme conditions and whenever superior wear protection is required. Typical applications include roller and friction bearings, electric motor bearings, ball and socket joints and general purpose lubrication.

OMNILUBE MA-1 can also be used to aid in the assembly of transition fitted parts such as profile and dovetail guides, bolts, spline shafts and slide ways

PERFORMANCE BENEFITS:

- Light-colored, not soiling
- Thermal stability up to 170 °C (338 °F)
- Excellent wear protection by EP-additives
- Optimum corrosion protection
- Resistant to cold and hot water, water vapor, aqueous alkaline and acid media
- Proved under sea and salt water conditions
- Contains white PTFE solids

TYPICAL PROPERTIES	TEST METHOD	OMNILUBE MA-1
Color		Yellowish/Beige
Structure		Pasty
Thickener		Aluminum soap
Consistency [NLGI]	DIN 51 818	1
Base oil		PAO
Base oil viscosity [40 °C]		1250
Density [g/cm ³ , 20 °C]	DIN 51 757	0.89
Temperature Range [°C]		-35 to +170
Worked Penetration	DIN ISO 2137	310-340
Flash point	DIN EN ISO 2592	> 250 °C
Boiling point		> 300 °C
Dropping Point	DIN ISO 2176	> 200 °C
Corrosion Protection (Emcor)	DIN 51 802	0-0
Four-ball test (O.K. load/weld load)	DIN 51 350	5500 – 6000 N
Four-ball test (O.K. load/weld load)	ASTM D 2596	500 – 620 kg
Water Resistance	DIN 51807 T2	1-80

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10/15

HEALTH & SAFETY

To obtain an SDS 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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