

## VISCHEM® 501 and 502 SYNTHETIC HIGH TEMPERATURE GREASES

### Applications:

Vischem 501 and 502 are outstanding heat stable, long life, fully synthetic non-melting greases. These greases are superior for high temperature applications and are lower cost than silicone greases. Vischem 501 and 502 are recommended for use where silicone greases have been used satisfactorily; also where other petroleum and other synthetic greases have failed. These greases will not form coke, sludge, or varnish when used within the useful temperature range. Vischem 501 and 502 have a non-melting dropping point over 500°F.

### Typical Industrial Applications:

- Conveyors
- Ovens
- Electric Motors
- Appliances
- High Temperature Processing Equipment
- Gear Boxes
- Tools
- Ball & Roller Bearings
- Cams/Slides/Gears
- Control Mechanisms
- Instruments
- Appliances
- Automotive

### Performance Benefits:

- Extreme long life
- Excellent oxidation stability, no deposits
- Outstanding thermal stability
- Low evaporation rate
- Low bleed rate for durability
- Contains no petroleum or silicone components
- Wide useful temperature range, -40°F to 450°F plus

TYPICAL PROPERTIES	TEST METHOD	Vischem 501	Vischem 502
NLGI Grade	---	1	2
Penetration Worked (60 strokes)	ASTM D217	310-340	265-295
Dropping Point, °C	ASTM D2265	500	500
Oil Separation, 24 hrs. at 400°F, %	ASTM D6184	3	2.5
Evaporation, 24 hrs. at 400°F, %	---	5	5
Normal Hoffman Bomb Oxidation			
100 hrs. PSI loss	---	1	1
500 hrs. PSI loss		2	2

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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](mailto:info@ultracheminc.com)

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