

## VISCHEM ALN 1001-00 SYNTHETIC GEAR FLOW GREASE

### Applications:

Vischem ALN 1001-00 is synthetic gear flow grease for high temperatures and heavy loads based on synthetic hydrocarbons with a partly synthetic, unique thickener with a high affinity for metal surfaces.

### Quality Features:

- High Thermal and Oxidation Stability
- High Load Factor
- Excellent Wear Protection
- High Service Life and Wide Temperature Range
- Optimum Lubricating Properties at Low Friction Values

Vischem ALN 1001-00 is generally used in rolling and sliding gears, hypoid gear sets, gears in electric tools, machine tools, actuating drives, and needle bearings.

TYPICAL PROPERTIES	TEST METHOD	Vischem ALN 1001-00
Base Oil		PAO
Viscosity @ 40°C, cSt	DIN EN ISO 3104	100 mm <sup>2</sup> /s
Viscosity @ 100°C, cSt	DIN EN ISO 3104	14 mm <sup>2</sup> /s
Thickener		Special AL-Complex
Density at 20°C	DIN 51 757	0.88 g/cm <sup>3</sup>
Worked Penetration [1/10 mm]	DIN 51 804	400 – 430 mm/10
Consistency Class	DIN 51 818	00
Dropping Point	DIN ISO 2176	200 °C
Temperature Range		-40 °C to +150 °C
Mechanical Load <small>acc. To four ball apparatus (N)</small>	DIN 51 0359 T 2	2600
Flash Point	DIN ISO 2592	> 200 °C
FGZ-Test, Scuffing Load Stage <small>A2, 76/50</small>		> 12

#### 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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