



Texol Grease™ WG-AU Series

Technical Data Sheet

Texol Grease™ WG-AU Series

Fully synthetic lubricating grease with EP additives, compatible with EPDM

Product Description

Texol Grease WG-AU Series is a short-fibered, lithium soap silicone grease for long-term lubrication of high-speed Rolling bearings.

The fully synthetic structure in combination with special additives guarantees low coefficients of friction and long relubrication intervals.

Texol Grease™ WG-AU Series is specifications according to: VW/AUDI-TL745 ; BMW – GKM No. 0127 403, 0127 473; DBL – 6810.50; Brose – 002-563501-104 group 3; Opel – B 0040 0060 for WG-AU Series

Applications and Uses

- Grinding spindles in machine tools
- Milling spindles in wood working machines
- For use on control cables especially at low and high temperature, sliding-element bearings and mechanisms in climate control boxes
- High-speed electric motors, free-wheels
- Lifetime lubrication of cables
- Ring spinning spindles
- Almost neutral towards most sliding material pairings like EPDM/metal or plastic

Advantages

- Excellent thermal stability
- Compatible with elastomers and plastics, used in robots
- Lubrication of metal– metal; elastomer – metal, plastic – metal, plastic – plastic sliding material combinations
- Optimum wear protection
- Low coefficients of friction, low temperature rise in the bearing
- Extreme structural stability
- Resistant to cold and hot water
- Long-term stability
- High corrosion protection



The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can no be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.



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Characteristics

Property (Unit)	000	00	0	1	2	Method
NLGI grade	000	000	0	1	2	DIN 51818
Base oil viscosity at 40°C	150	150	150	150	150	DIN 51366
Base oil viscosity at 100°C	45	45	45	45	45	DIN 51366
Thickener	lithium					-
Colour	white					-
Flash point °C	>260					ISO 2592
Dropping point °C	>220					ISO 2176
Behavior in the presence of water, 90 °C	0					DIN 51807/1
Oxidation stability, after 100h, hPa	<250					DIN 51808
Oxidation stability, after 300h, hPa	<400					DIN 51808
Emcor test, IP 220/67, Rating	0/0					DIN 51802
Copper corrosion, 100°C, after 24 h	1					DIN 51811
Rust Prevention properties, Rating	1					ASTM D 1743
Four ball weld point, N	2000 / 2200					DIN 51 562
Four ball test scar diameter, mm	0.60					ASTM D 2266
Four ball wear test scar diameter, mm	<0.7					DIN 51350-05-E
SRV test, 50°C, 300N, 2h Amplitude 1000µm, µ	0.07-0.08					DIN E 51834-02-S
FAG-FE 9 Test	Passed					DIN 51821-02-A
Flow pressure at -20°C, hPa	645					DIN 51805
Pour Point, °C	< -65	< -65	< -60	< -60	< -60	DIN ISO 3016
Operating temperature range, °C	- 60 / + 180					-