



Vidol GreaseCare GL 00

(replacement Shell Alvania GL 00_5kg)

Semi-fluid grease

CLASSIFICATION

DIN 51502 KPOOK-30
ISO 6743 ISO-L-XCCHB00

PRODUCT DESCRIPTION

Vidol GreaseCare GL 00 is a lithium thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives. The product is a state-of-the-art multipurpose EP grease which can be used in various applications within given temperature limits. The lubricating grease offers good mechanical stability, load carrying capacity and corrosion protection.

- Good mechanical stability
- High load carrying capacity
- Good corrosion protection
- Easy to pump at low temperatures

Vidol GreaseCare GL 00 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The consistency of the product makes it suitable for use in centralised lubrication systems that require semi-fluid grease. The product is also suitable for use in gearboxes

TYPICAL TECHNICAL DATA

Thickener		Lithium
Base oil		Mineral oil
Colour	Visual	Dark brown
NLGI Grade	ASTM D217	00
Dropping point	IP 396	>160°C
Base oil viscosity at 40°C	ISO 12058	290 mm ² /s
Base oil viscosity at 100°C	ISO 12058	20 mm ² /s
4 Ball weld load	DIN 51350:4	2600 N
Temperature range		-30°C to +100°C Max +120°C

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Mechanical stability

Penetration 60 strokes	ISO 2137	400-430
Penetration 100.000 strokes	ISO 2137	+35
Shell roll stability 50h/80°C	ASTM D1831mod	+65

Corrosion protection

Copper corrosion 24h/100°C	ASTM D4048	1b
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Water stability

Water resistance	DIN 51807/1	1-90
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Anti-wear properties

4-ball wear scar (1h at 400N)	DIN 51350:5	0,5 mm
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Others

Oxidation stability 100h/100°C	ASTM D942	47,0 kPa
Approx. density at 20°C	IPPM-CS/03	0,89