



LGET 2/0.05 Extreme temperature, extreme condition bearing grease

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A synthetic fluorinated oil based grease, using a PTFE thickener. It is especially suitable for applications at extremely high temperatures.

- Long life in aggressive environments such as very reactive areas with a presence of high purity gaseous oxygen and hexane
- Excellent oxidation resistance
- Good corrosion resistance
- Excellent water and steam resistance

Overview

Dimensions

Product weight	0.05 kg
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Performance

Suitable for High load applications	++
Suitable for Vertical shaft applications	0
Suitable for applications with Oscilating movements	-
Suitable for applications with Severe vibrations	0
Suitable for applications that require Rust protection	-
Suitable for applications that require Water resistance	+
Suitable for applications that require Frequent start-up	0
Speed (max.) n x dm (x 1000)	300
Operating temperature range	-40 – 260 °C
Dropping point (min) ISO 2176	300 °C
Penetration DIN ISO 2137, Worked, 60 strokes (10 ¹ mm)	265 - 295
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ¹ mm	+30 at 130°C

Corrosion protection, Emcor, ISO 11007, Distilled water	1-1
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	0
Oil separation DIN 51817, 40°C, %	1-3
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1 max. at 150°C
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 220°C
EP performance - 4 ball - Weld load (min.) DIN 51350/4	8 000 N

Properties

DIN 51825 code	KFK2U-40
NLGI consistency class	2
Thickener	PTFE
Colour	Off white
Base oil type	Synthetic, PFPE
Base oil viscosity DIN 51562 at 40 °C	400 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	38 mm ² /s
Shelf life	5 year
Packsize	50 g (25 ml) syringe
Available for single point lubrication	no

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