KRAFFT S.L.
P.O.Box 14
E-20140 Andoain - SPAIN
Fax:+34 943 410 430
Phone:+34 943 410 460
E-mail: export@krafft.es
Web site: www.krafft.es

TECHNICAL INFORMATION

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KL GREASE

MULTIPURPOSE LITHIUM GREASE

DESCRIPTION

The **KL GREASE** is a grease based on highly refined mineral oil and lithium soap. It contains antioxidant, anticorrosion and antiwear additives. It can be used in a wide range of mechanisms, under many different working conditions, giving always good results.

KL GREASE is free of lead, heavy metals and other products detrimental to the environment.

APPLICATION

General greasing including roller bearings, plain bearings, joints, guides, splined shafts, threaded spindles and other mechanisms lubricated by grease and working between -30ºC and +130ºC, in all kind of Industry.

HOW TO USE

KL GREASE is pumpable: so it is suitable for centralised lubrication systems. It can be used also with a brush, spatula, grease gun or automatic lubricating system.

BENEFITS

- Excellent speed factor (around 400.000 mm/min.).

- High protection against corrosion.

- Good behaviour against water.

- Provides a silent operation.

TECHNICAL CHARACTERISTICS

Service temperature (ºC)	-30 to +130ºC (peak of 150ºC)
Colour	Brown
Thickener type	Lithium Soap
Base oil viscosity at 40ºC	100 cSt
Drop point (ASTM-D-566), ºC	>190
NLGI Consistency	2
Penetration at 60 strokes (ASTM-D-217), mm/10	265 - 295
Penetration variation at 100.000 strokes (ASTM-D-217)	+35 mm/10 max.
Water wash-out resistance at 40ºC(ASTM-D-1264)	Grease loss <5%
Oil separation by air pressure (ASTM-D-1742)	<7%
Grease loss for plain bearing (ASTM-D-1263)	3 g max.
Copper corrosion, 24h at 100ºC (ASTM-D-4048)	1b max.
Emcor corrosion (DIN 51802)	Level 0-1
Oxidation resistance, 100 h Hoffmann pump (ASTM D942)	Pressure drop < 35 kPa