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

KGP-2/F

Fluid Grease For Open Gears with Dip Lubrication

DESCRIPTION

It is a fluid grease based on special high viscosity oil and complex aluminium thickener, with a high concentration of solid lubricants additives which together with chemical type additives are providing optimum lubricating characteristics:

- Low friction coefficient
- Complete stability under the highest stresses

KGP-2/F has been formulated with such a fluidity that it is suitable for dip lubricated gears with heavy loads and high vibrations and furthermore allows a good return of the grease to the sump.

KGP-2/F is free of lead, heavy metals, asphalt (bitumen), solvent and other products detrimental to the environment.

APPLICATION

KGP-2/F has been specially developed to be applied on **open** or **semi-open gears** requiring **dip lubrication** of any dimension and particularly for gears with special problems of **vibrations**, **impact loads**, and/or high **temperatures**.

It can be used also to lubricate **wire ropes** and **chains** as well as **sprayable grease**.

HOW TO USE

KGP-2/F can be put directly in any sump for **dip lubrication** or in any tank of **centralised lubrication** system, following the instruction of the manufacturer.

It can be used also in **spray systems**.

BENEFITS

- Very high resistance to impacts and extreme loads
- Excellent stability under work
- Lead and heavy metals free
- Excellent behaviour against moisture and water
- High pumpability capacity
- Avoids the “chunnel” effect in dip lubrication, allowing a good lubrication layer on the flanks
- Good return to the sump and good sealing capacity

TECHNICAL CHARACTERISTICS

Colour	black
Grease apparent viscosity at 20ºC (Brookfield)	20 000 – 35 000 cP
Physical EP additives (solid lubricants)	contains
Chemical EP additives	contains
Thickener type	Complex Aluminium soap
Oil type	Paraffinic oil + adhesion additives
Oil viscosity (ISO VG)	2000
Lubricating film resistance temperature	> 250ºC
Four-ball test (DIN 51350/4), weld load	≥ 6000 N
FZG test (DIN 51 354): A/2.76/50	
* load level	> 12
* specific weight loss	< 0.2 mg/kWh
TIMKEN test (ASTM D 2509), OK load	≥ 55 Lbs
Solid lubricants type	Natural Graphite
Graphite content	10 %
Graphite purity	99.5 to 99.9 %
Lead and heavy metal content	free