



**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](mailto:export@krafft.es)  
Web site: [www.krafft.es](http://www.krafft.es)

## TECHNICAL INFORMATION

**B4692—I**  
**19.10.2008**  
- 1 -

# KGP-2/PLEX 1500

## Sprayable Fluid Grease For Open Gears

### DESCRIPTION

It is a highly refined mineral oil based grease with complex aluminium thickener and with a high concentration of solid lubricants additives which together with chemical type additives provide optimum lubricating characteristics:

- Low friction coefficient
- Complete stability under the highest stresses

**KGP-2/PLEX 1500** has been designed with such a fluidity that it can be applied by **pulverisation**, but still keeping enough adhesion on the gears metallic surfaces.

**KGP-2/PLEX 1500** is free of lead, heavy metals, asphalt (bitumen), solvent and other products detrimental to the environment.

### APPLICATION

**KGP-2/PLEX 1500** has been specially developed to be applied by pulverisation on **open** or **semi-open gears** of any dimension and particularly for gears with special problems of **vibrations**, **impact loads**, and/or high **temperatures**.

Depending of the tangential speed, it can be used also for gears lubricated by dip lubrication.

### HOW TO USE

**KGP-2/PLEX 1500** can be put directly in any **pulverisation** tank of any centralised lubrication system, following the instruction of the manufacturer.

It can be used also for **dip lubrication**, depending of the tangential speed. Nevertheless we recommend in this case our grease **KGP-2/F** which is coming back to the sump more easily.

### 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

### TECHNICAL CHARACTERISTICS

Colour .....	black
NLGI consistency .....	approx. 0
Physical EP additives (solid lubricants) .....	contains
Chemical EP additives .....	contains
Thickener type .....	Complex Aluminium soap
Oil type .....	Paraffinic oil
Base oil viscosity (ISO VG) .....	2500
Drop point (ASTM-D-2266) .....	> 180°C
Lubricating film resistance temperature .....	>250°C
Four-ball test (DIN 51350/4), weld load .....	≥6000 N
FZG test (A/2.76/50)	
* load level .....	>12
* specific weight loss .....	<0.2 mg/kWh
TIMKEN test, 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

The information herein is offered in good faith based on KRAFFT's research and it is believed to be accurate. KRAFFT keeps the right to modify the specification without previous notice.