



Product Data Sheet

Liquid Gold Grease

Open Gear and Wire Penetrating Semi-Fluid Grease

Liquid Gold Grease uses a multi-complex thickener and heavy-grade base oil formulation that produce an extreme pressure sprayable lubricant for demanding open gear and wire rope applications. Also suitable for other highly loaded components used under punishing conditions and in hostile environments.

Liquid Gold Grease provides protection for extremely heavy-duty open gear drives exposed to continual high shock loads and vibration. It forms a very robust and stable lubrication film between the tooth flank contact points, which prevents metal scoring and premature wear. This grease is free of graphite, molybdenum, and bitumen, forming a transparent film that reduces downtime for equipment inspections and provides excellent gear surface visibility.

The NLGI: 0.5 grade ensures high ambient temperature pumpability in central lubrication systems and a consistent spray pattern for even distribution across the gear surface.

It is also ideal for use in lubricating commercial wire ropes and deeply penetrate and lubricates the individual wires. It also offers a rust resistant layer once full penetrated.

Summary of Benefits:

- A versatile semi-fluid EP: 0.5 Grease
- Ideal for use in open gear applications found in Grinding Mills, Crushing plants, Drum Dryers and Sugar Cane mills
- Provides excellent anti-wear and clear visual inspection clarity making routine inspections
- Wide Operating Temperature -20 °C to 140°C (Max 180°C)
- Provides excellent protection against wear and scuffing
- Exceptional adhesion and corrosion resistant characteristics

Specifications:

- ISO: 12924
- DIN: 51502
- NLGI: EP: 0.5

Product Code: 9043



WWW.ROYALLUBRICANTS.COM.AU

Brisbane:

1-7 Potassium Street, Narangba,
QUEENSLAND, AUSTRALIA 4504

Tel: +61 7 3203 0089 Fax: +61 7 3203 3700

...DRIVEN BY PERFECTION

Melbourne:

40 Kimberley Road, Dandenong South,
VICTORIA, AUSTRALIA 3175

Tel: +61 3 9768 2441 Fax: +61 3 9768 3325



Product Size: 450G, 20Kg, 180Kg

Liquid Gold Grease

Open Gear and Wire Penetrating Semi-Fluid Grease

Typical Characteristics:

Thickener		Multi Ultra complex
Base Fluid		Mineral oil
Texture		Smooth
Color	Visual	Brown
NLGI Grade	ASTM D 217	0.5
Dropping Point	IP 396	> 250°C
Base oil viscosity @ 40 °C	ASTM D 7152	850 mm ² /s
Base oil viscosity @ 100 °C	ASTM D 7152	43 mm ² /s
Penetration 60 strokes	ISO 2137	335 - 365
4-ball weld load	DIN 51350:4	7500 N
4-ball weld load	ASTM D 2596	765 kg
Water resistance at 90°C	DIN 51807:1	1
Emcor salt water °C	ISO 11007	0 - 0
Temperature range:		-20°C to +140°C (max +180°C)
FZG A/2,76/50	DIN 51354	> Load stage 12 (mass change 40mg)
SKF R2F B at 140°C	SKF	Pass

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website www.royallubricants.com.au or by email info@royallubricants.com.au

WWW.ROYALLUBRICANTS.COM.AU

Brisbane:

1-7 Potassium Street, Narangba,
QUEENSLAND, AUSTRALIA 4504

Tel: +61 7 3203 0089 Fax: +61 7 3203 3700

...DRIVEN BY PERFECTION

Melbourne:

40 Kimberley Road, Dandenong South,
VICTORIA, AUSTRALIA 3175

Tel: +61 3 9768 2441 Fax: +61 3 9768 3325