

# Technical Data

## TUFLUBE Allweather Heavy Duty Jacking and Open Gear Grease

### Description

TUFLUBE ALLWEATHER is an extreme heavy duty, versatile and highly adhesive grease suited to a wide range of applications.

Protects heavily loaded mechanisms in the wettest and most corrosive conditions.

It is the ideal lubricant to protect jacking and open gear systems in marine, offshore and freshwater environments, where the protection of critical assets is of utmost importance.

TUFLUBE ALLWEATHER is a highly adhesive, high load grease which can even be applied underwater. It will continue operating even when used in submerged or tidal flow conditions.

### Applications

- Jacking Systems
- Open Gears
- Rollers
- Slew Rings
- Cantilevers
- Pins
- Booms
- Winches
- Joints & Couplings
- Penstocks, sluice gates, winding gears on locks and water treatment facilities
- Tracks and Rails

### Features & Benefits

- High load carrying capability
- Highly adhesive: Even when submerged. TUFLUBE ALLWEATHER is a tough, tenacious, self-repairing film which maintains a lubricant film on the surface longer than conventional lubricants
- Extreme temperatures: Ideal for use in the hottest and coldest global climates
- Extreme corrosion protection
- Versatile: Can be applied by hand or automatic pumping equipment
- Provides excellent lubricity
- Free of bitumen and solvents

### Directions For Use

TUFLUBE ALLWEATHER should be stored in its unopened original container.

For best practice, storage temperature should ideally be controlled to between +1°C and +40°C.

Shelf life is 3 years from date of manufacture

The minimum application temperature for TUFLUBE ALLWEATHER is 0°C.

For best results apply TUFLUBE ALLWEATHER to clean gearing.

### Further Information

For pack sizes, part codes and safety data sheets please visit [www.rocol.com](http://www.rocol.com) or get in touch with our customer service team who will be happy to help: [customer.service@rocol.com](mailto:customer.service@rocol.com)

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## TUFLUBE ALLWEATHER

### Heavy Duty Jacking and Open Gear Grease

Property	Test Method	Result
Appearance	Visual	Smooth, black grease
NLGI No.	IP 50 – ASTM D217	0/1
Base Type	N/A	Highly refined mineral oil
Base Fluid Viscosity at 40°C	IP 71	780 cSt
Base Fluid Viscosity at 100°C	IP 71	42 cSt
Thickener	N/A	Aluminium Soap
Solids	N/A	Graphite
Temperature Range	N/A	-30°C to +180°C
<b>4 Ball:</b>		
Weld Load	IP 239 - ASTM D2596	800kg
Mean Hertz Load	IP 239 - ASTM D2596	107kg
Timken 'OK' Load	IP 326 – ASTM D2509	45 lbs
Salt Spray Corrosion Resistance	ASTM B117	No corrosion (10 days)

*Values quoted above are typical and do not constitute a specification.*

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