

## Tuflube Allweather

### Water resistant adhesive lubricant for a range of applications

#### Product Overview

ROCOL® Tuflube Allweather is a versatile and highly adhesive lubricant designed for effective lubrication and protection in extremely wet and highly loaded environments.

Tuflube Allweather has been designed as a self-repairing lubricant for slides, plain bearings & open gears. Conventional lubricants are pushed off the rubbing areas whereas Tuflube Allweather repairs the film as the surfaces continue to rub together.

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.

#### Features and Benefits

- ROCOL Tuflube Allweather has a wide temperature range of -30°C to +70°C.
- Outstanding EP performance with a weld load of 800kg.
- Tuflube Allweather is a tough, tenacious, self-repairing film which maintains a lubricant film on the surface longer than conventional lubricants.
- Excellent corrosion resistance to protect in humid, damp and even wet/submerged conditions.
- Tuflube Allweather can even be applied under water due to its excellent water displacing properties and resistance to water wash-off.
- Tuflube Allweather is easy to apply and free from bitumen and solvents.

#### Directions for Storage and Use

- Apply manually or with an applicator suitable for NLGI No. 1 grease.
- Do not mix with other lubricants as performance may be impaired.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

#### Typical Applications

- ROCOL Tuflube Allweather is a soft pumpable grease for plain bushes, slides and open gears even when used outdoors in wet environments.
- It is ideal for sliding booms and open gears on cranes particularly those that have to be lubricated outdoors in all weather conditions.
- Tuflube Allweather has proven highly successful as a bucket pin lubricant for heavy plant and it remains pumpable even in cold conditions.
- Tuflube Allweather excels in applications such as lead screws, penstocks, sluice gates and winding gear on locks and in water treatment plants.

#### Pack Sizes

| Pack Size      | Part Code |
|----------------|-----------|
| 400g cartridge | 18271     |
| 5kg            | 18276     |
| 18kg           | 18244     |

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| 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               | 780cSt                     |
| Base Fluid Viscosity at 100°C   | IP 71               | 42cSt                      |
| Thickener                       | N/A                 | Aluminium soap             |
| Solids                          | N/A                 | Graphite                   |
| Temperature Range               | N/A                 | -30°C to +70°C             |
| 4-Ball:                         |                     |                            |
| 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 B-117          | No corrosion (10 days)     |
| Water Spray Off                 | ASTM D404           | <0.5% loss                 |

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

### Safety Data Sheets

Safety data sheets are available for download from our website [www.rocol.com](http://www.rocol.com) or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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