

# MOL Sulphogrease 2 WRT

## calcium sulphonate lubricating grease



MOL Sulphogrease 2 WRT is a high performance lubricating grease produced from high viscosity highly refined base oils that have beneficial evaporation and oxidation properties even at high temperatures. It contains a calcium-sulphonate thickener. Its natural wear-reducing effect and EP property, as well as its water resistance and corrosion inhibiting performance are exceptional. Due to its special composition, it withstands corrosion excellently, retaining its properties even in the presence of saline vapours and sea water.

It is the principal lubricating grease of the steel industry, where bearings exposed to extreme loads are regularly in contact with water. One of the special properties of the lubricating grease is that its consistence and load carrying capacity do not change significantly upon contact with large quantities of water.

It is moderately soft, dark brown coloured lubricating grease.

The temperature range of application is between -25 °C and +160 °C.

### Application



Equipment exposed to dynamic water loads

Hydraulic cylinder bearings of roll stands

Bearings of rollers in the paper industry

Equipment exposed to vibration

Individual and central supply lubrication systems

### Features and benefits

Multipurpose lubricating grease

Wide range of applicability enables reduction of the number of lubricating oils

Problems due to mixing of lubricating greases are minimized

Outstanding dynamic water resistance

No significant change in consistency and load-carrying properties, even on exposure to a large volume of water

Excellent corrosion protection in salt-water environment

Resists the destructive effect of salt water on the grease structure, so no softening and running off the lubrication point

Effectively contributes to potential reduction of maintenance costs

Excellent adhesion, strong tackiness

Forms a continuous lubricating film which adheres strongly to the metal surface

Reduced losses due to leakage and reduced environmental pollution

Outstanding oxidation stability

Stable structure at high temperatures, so no hardening of lubricating grease and minimum oil separation

Cycle time of re-lubrication can be increased significantly

Resistant to vibration

Lubricating grease structure remains stable; grease does not soften or run off the greasing point

Excellent pumpability

Applicable in central lubricating systems safely, even at varying temperatures

Can be transferred continuously even in long pipelines, does not harden and does not cause missed greasing

Excellent wear protection

Reduced wear of contacting surfaces, even under varying operating conditions

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### Specifications and approvals

NLGI grade: NLGI 2  
DIN 51502: KP2P-25  
ISO 6743-9: L-XBEIB 2

### Properties

Properties	Typical values
Appearance	Sötétbarna, szálhúzó
Base oil viscosity at 40 °C [mm <sup>2</sup> /s]	430
Dropping point [°C]	above 300
Penetration after 60 strokes at 25 °C [0,1 mm]	280
Penetration change after 100 000 strokes, at 25 °C [0,1 mm]	15
Four ball test, weld load [N]	6000
Four ball test 60 sec/1000 N wear diameter [mm]	0,54
Timken OK load [Lb]	45
Copper corrosion (100 °C, 24 h) [grade]	1
EMCOR test, synthetic seawater [grade]	0/0
Dynamic water - resistance at 79 °C [mass %]	0
Oil separation [mass %]	0,5
Flow pressure at -20 °C [mbar]	700
Water spray off [mass %]	10

The characteristics in table are typical values of the product and do not constitute a specification.

### Storage and handling instructions

The product does not contain any toxic materials. During storage and handling the product usual health safety regulations for mineral oil products should be observed. It should be stored at covered place, free of direct sunlight and moisture.

In the original container under the recommended storage conditions: 36 months

Recommended storage temperature: -5°C - +45°C

### Ordering information

Custom Tariff Number 27101999

#### SAP code and packaging:

13007973 MOL Sulphogrease 2 WRT 8KG  
13008142 MOL Sulphogrease 2 WRT 50KG

8 kg steel pail (for order only)  
60 l steel drum (for order only)

#### Order booking:

Please contact your local distributor or sales partner for ordering details.