

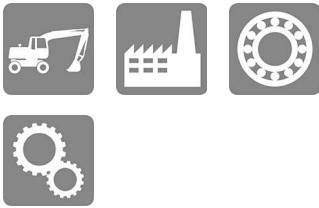
# MOL Sulphogrease 2GT HDX

## calcium sulphonate lubricating grease



MOL Sulphogrease 2GT HDX 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. It is prepared with special graphite. Due to its improved adhesion properties, it provides appropriate protection and lubrication even when used where there are high centrifugal forces. At elevated operating temperatures it forms a special protecting layer on the surface, so it provides appropriate protection even for short duration peak temperatures (260 °C). It is a moderately soft, black coloured lubricating grease. Application temperature is between -25 °C and +180 °C, although for short times, up to 260 °C.

### Application



Equipment exposed to dynamic water loads

High temperature applications

Heavy-duty open and enclosed gear drives operating at high temperature

Heavy-duty rolling bearings

Individual lubrication systems

### Features and benefits

High performance solid additive content

Solid additives increase the load-carrying properties at lubrication points, so the risk of seizure is reduced  
Reduces heat of friction, even in mixed lubrication conditions, so increases the service life of lubricating grease

Improved tackiness

Forms a stable and uniform lubricating film, which is not squeezed from between contacting surfaces even under heavy loads  
Prevents metallic contact at low speeds

Outstanding dynamic water resistance

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

Excellent wear protection

Reduced wear of contacting surfaces, even under varying operating conditions  
Contributes to increasing equipment lifetime

Extreme corrosion protection

Protects equipment against rusting, even under dynamic loads in the presence of water  
Extreme long term protection of steel and non-ferrous metal parts

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 cold flow properties

Reliable operation even at low temperatures

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### Specifications and approvals

NLGI grade: NLGI 2  
DIN 51502: KPF2P-25  
ISO 6743-9: L-XBEHB 2

### Properties

Properties	Typical values
Appearance	black, homogenous, stringy
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
Shell Roll stability (100 °C/24h) penetration change [0,1 mm]	2
Four ball test, weld load [N]	6400
Four ball test 60 sec/1000 N wear diameter [mm]	0,35
Timken OK load [Lb]	50
Dynamic water - resistance at 79 °C [mass %]	0,5
Flow pressure at -20 °C [mbar]	1043
Wheel Bearing Leakage [mass %]	0,5
Water spray off [mass %]	10
Graphite content [mass %]	5

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:

13011000	MOL Sulphogrease 2GT HDX 440G	400 g scroll (for order only)
13007950	MOL Sulphogrease 2GT HDX 8KG	8 kg steel pail (for order only)
13007951	MOL Sulphogrease 2GT HDX 50KG	60 l steel drum (for order only)
13008062	MOL Sulphogrease 2GT HDX 180KG	213 l steel drum (for order only)

#### Order booking:

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