

## MPG & MPG 1646

**Spanjaard (MPG) Multi-Purpose Grease** is a bentonite grease prepared by a gelling process, no soaps being included. The features obtained are: great stability at high temperatures, resistance to water and acids, and infusibility. It will not soften under heavy working conditions up to its working temperature limit. Protects against wear, oxidation, corrosion and ensures longer life. Minimises fretting corrosion. Prolongs periods between maintenance and routine greasing. **MPG 1646** is a tackier version of MPG.

### APPLICATIONS

The non-melt properties of **Spanjaard MPG**, together with its Molybdenum Disulphide content, make it particularly suitable for use where high temperature and/or heavy load conditions exist. All medium and large size plain bearings, large diameter ball and roller bearings, running at low r.p.m. For mechanical equipment, particularly when exposed to severe weather conditions or subjected to extreme loads i.e. cranes - conveyor systems - ore crushers - rolling mills - mechanical stokers - printing presses - drilling rigs and ancillary equipment - exposed drives and locomotives - dock equipment - cargo and warping winches - lifeboat davits - hatch covers - ships stabilizers. Springs - shackle bolts - kingpins - torsion bar bushings - water pumps - brake linings on all types of transport and mobile equipment.

**Compatibility:** **Spanjaard MPG** is incompatible with most other grease thickener systems. This is true for all Bentone, non-soap thickened greases which are prepared by a gelling process.

The gelling process stability can be affected by the anti-rust and extreme pressure additives of other greases that are still in the bearing. It is therefore very important that any old greases are removed in order to ensure the stability of **Spanjaard MPG**.

### TYPICAL PROPERTIES

Colour	Grey/Black
--------	------------

Base	Lubricating Oil
Thickener	Bentonite
Operating Temperature	
Continuous Service, °C	-20 to 160
Short Period Peaks, °C	200
Drop Point	No Drop Point
Consistency	NLGI No. 2
Worked Penetration	265-295
Water Resistance	Excellent
Texture	Smooth Homogeneous Paste
Additives	EP, Anti-oxidant & corrosion inhibitors
Corrosion Stability	Excellent



### APPLICATION INSTRUCTIONS

- By hand or grease gun/pump
- Centralised lubricator
- Lubricant applicator or scraper

### HANDLING AND STORAGE

Do not swallow. If swallowed, seek medical attention.

### PACKAGING

500g tins, 5kg kegs, 15kg kegs, 50kg kegs, 180 kg drums. MPG 1646 also in 400g cartridges. (100g tubes sold as "Non-Melt Grease")

CP/mg/MPG – June 2016