

# PETRONAS GRIS MPI

## Multipurpose Industrial Grease

Petronas Gris MPI is a high quality medium-fibre multipurpose, NLGI 2 and NLGI 3 grades, lithium hydroxystearate grease specially formulated to provide added protection against rusting and water washout in general purpose industrial applications at moderate temperature and load.

Petronas Gris MPI is manufactured from high viscosity index premium quality base oils, lithium soap thickener and compounded with rust, corrosion and oxidation inhibitors to provide high mechanical and chemical stability, to resist rapid deterioration due to intense mechanical and thermal stresses.

### Applications

Petronas Gris MPI is recommended for most types of industrial applications such as plain bearings, swivels, joints or other parts of equipment found in industry, construction, agriculture, etc including vibrating and vertical shaft applications. They are suitable for high speed lightly loaded bearings and are widely used in electric motors.

The recommended operating temperature range of Petronas Gris MPI is  $-20^{\circ}\text{C}$  to  $130^{\circ}\text{C}$ . In applications where heavy or shock loading is a factor, extreme pressure greases are preferred.

### Customer Benefits

- Multipurpose grease for a wide range of applications - wide operating temperature range.
- Excellent protection against rust and corrosion.
- High resistance to water wash-out
- High mechanical and chemical stability
- High resistance to oil separation in storage and in use.

### Product Typicals

Petronas Gris MPI	2	3
NLGI Grade	2	3
Colour	Yellowish Brown	Yellowish Brown
ASTM Drop Point, $^{\circ}\text{C}$	207	210
Worked Penetration, dmm	280	235
Oil Viscosity @ $100^{\circ}\text{C}$ , cSt	15.5	15.5
Soap Type	Lithium	Lithium
Operating Range, $^{\circ}\text{C}$	-20 to 130	-20 to 130

### Customer Advice

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.