

## PRODUCT DATA SHEET

### GREASE MP HV LS

PETROMIN GREASE MP HV LS is chemically stable and neutral grease to Aluminum, zinc and steel. It is formulated with a lithium 12-hydroxy stearate soap base and solvent-refined high-viscosity index mineral base oils to act as the lubricant and to protect the layers of conductor against corrosion for the conductor's entire service life. It contains special chemical additives, which enhance oxidation resistance and contains high percentage of soap while comparing to normal General or multipurpose greases.

#### BENEFITS

- Long service life.
- Resistance to water washing in moderate conditions.
- Good stability to hold oil content.
- Protect surface of the wire and is non-corrosive
- Excellent Drop point stability for a longer usage
- Wide ambient temperature stability (The grease shall remain to have its plasticity down to -20 °C to a very hot ambient temperature as its drop point is > 200 °C)

#### APPLICATIONS

PETROMIN GREASE MP HV LS is recommended for the lubrication of conductors and wires of following category:

- Hard drawn aluminum wires
- Zinc Coated Steel wires
- Aluminum Clad steel wires
- Aluminum-Magnesium-silicon alloy wires

#### PRODUCT CHARACTERISTICS\*

PROPERTIES	UNITS	VALUE	TEST METHOD
NLGI GRADE	-	3	-
Color	-	Light Brown	Visual
Texture	-	Smooth	Visual
Thickener Type	-	Lithium	-
Mineral Oil Viscosity @ 40 °C	mm <sup>2</sup> /s	200.0	ASTM D-445
Mineral Oil Viscosity @ 100 °C	mm <sup>2</sup> /s	17.5	ASTM D-445
Dropping Point (min)	°C	209	ASTM D-2265
Worked Penetration at 25 °C	mm/10	200/250	ASTM D-217
Oil Separation, mass % (max)	% mass	0.5	ASTM D-1742
Acid Number	Mg KOH/gm	Report	ISO 6618-
Product Code		0090	

\*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

