

# Product Data Sheet

Effective Date 01.08.2014

Version 1.0



PETRONAS

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# PETRONAS PROMEXA SYN CG

## Wire Rope Grease

**PROMEXA SYN CG** is a semi-fluid wire rope grease, contains Molybdenum Disulfide (MoS<sub>2</sub>). It provides efficient and effective lubrication for all types of steel wires.

### Applications

**PROMEXA SYN CG** contains high percentage of selected solid lubricants which greatly enhance its load-carrying capacity and reduces friction and wear especially for wire ropes operating under extreme heavy loads. Therefore, extending wire ropes life.

**PROMEXA SYN CG** processes remarkable anti-wear protection for internal and external of wires. Excellent water repellent, resistant to salt (sea atmosphere) and chemical products (chemical environment). Resistance to high temperature (up to 150°C max). Excellent penetration for lubrication and corrosion protection of internal steel core. Strong adherence and total external coverage protection for wires.

Applied directly onto the cleaned wire with brush. It is recommended that prior to the first application, to make sure the wire is as clean as possible. This practice is to avoid small particles or any other materials, causes difficulties in good adherence and penetration. The best results are obtained when applying PETRONAS PROMEXA SYN CG onto a new steel wire rope.

### Features and Benefits

- Long Lasting
- Non-Dripping
- Extended Re-Greasing Interval
- Lower Consumption

### Special Properties

- Water Repellent
- Resistance to sea water corrosion (marine atmosphere)
- Resistant to high temperature (up to 150°C)
- Excellent penetration for lubrication and corrosion protection of internal steel core.
- Strong adherence and provide excellent surface coverage external protection.
- Its high content of solid lubricants provide high load-carrying capacity, reduces friction and wear especially for ropes operating at extreme high loads. Extending wire rope life.

### Coverage

In general, 1 Kg of **PETRONAS PROMEXA SYN CG** can cover up to 40 meter length of the wire ropes of 25 mm in diameter. For re-lubrication, 1 Kg of **PETRONAS PROMEXA SYN CG** can lubricate up to 50 meter length of the wire rope of the above diameter measure.

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### Typical Properties

Description	Typical Data
Base Oil	Mineral Oil
Thickener	Modified organic clay
Solid Lubricants	MoS <sub>2</sub>
NLGI	00
Serviceable Temperature	-10 to +150

\* All technical data is provided for reference only.

### Health, Safety and Environment

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