



Q® Series by Hexagon

Q® Series is the exclusive product line designed and manufactured for Hexagon Europe under its strict quality and performance requirements.

All Q® Series products provide high performance characteristics and are uniquely & exclusively supported by Hexagon's unmatched after sales service and support in combination with HAP Hexagon Analysis Programme.

Q® Nolidis™ Lubricating & Antiwelding Compound

Product Description

Q® Nolidis™ Lubricating & Antiwelding Compound is an exceptional quality silicon grease, produced from premium quality synthetic base oils. Due to its special formulation, it can cope with the severest operating conditions such as very high and very low temperatures and acidic or basic environments.

Applications

Q® Nolidis Lubricating & Antiwelding Compound is recommended to be used in applications which cover a range of temperatures from -50 °C to +180 °C. It is strongly recommended in applications requiring a grease able to endure in acidic and basic environments. It is also recommended for use in electromechanical machinery, where a grease with high dielectric strength is required.

Advantages

- Excellent anti-oxidant properties..
- Outstanding protection from rust and wear..
- Fine stability at long storage periods..
- Very high stability under hard working conditions.
- Operating temperatures covering a wide range from -50°C to +180 °C..
- Excellent endurance in acidic and basic environments.
- Excellent dielectric strength properties.



Typical Data

Q® Nolidis Lubricating & Antiwelding Compound

	Method	Data
Colour		Semi-transparent
NLGI Grade		1/2
Worked Penetration at 25°C	ASTM D217	280 - 310
Dropping Point, °C	ASTM D2265	-
Resistivity at 20° C, Ω/cm min	ASTM D4049	10 ¹³
Dielectric constant (ε), at 800 Hz	ASTM D150	2.8
Dielectric rigidity, KV/cm, min	ASTM D149	190
Power factor (δ), min		2 x 10 ⁻⁴

Elastomer Compatibility

Due to the stable nature of the silicone, Q® Nolidis™ Lubricating & Antiwelding Compound is compatible with most elastomer materials, including the following types:

- NBR (Nitrile-Butadiene Rubber)
- SBR (Buna-S)
- HNBR (hydrogenated NBR)
- Natural rubber
- IIR (Buty rubber)
- FKM (Fluoroelastomers)
- EPDM (Ethylene Propylene Diene Monomer)
- AEM (Vamac)
- ACM (Polyacrylate rubber)
- CR (Polychloroprene)

Typically, not compatible with Silicone and Fluorosilicone rubber.



Q® Nolidis™ Lubricating & Antiwelding Compound

Health and Safety

Avoid prolonged or repeated contact of used lubricants with skin. In case of skin contact, wash well. Used lubricants should be collected in special containers and disposed of in accordance to local legislation. For additional information, please consult the Material Safety Data Sheet (MSDS).

Available Packages

Pail[16Kg],Drum[180 Kg]

(For more available packages, please contact your sales representative or the sales department)

About Hexagon Europe

Hexagon Europe was founded in Greece in 1989. It is the exclusive distributor and marketer of the following brands in various territories and countries:

- **Lubrication Engineers® (USA)**, high-performance lubricants designed for heavy industries, the shipping industry, off-road and on-road vehicles and passenger cars,
- **Viper® WRL**, Wire Rope Lubricator (a unique system to lubricate and protect wire ropes of any size,
- **Spillaway® Projects**, bioremediation products that bioremediate oil spills of any kind from soil or the sea,
- **Delta-Xero®**, an innovative filtration systems manufacturer of most fluids and fuels, filters down to 1µm.
- **MAK Chem®**, with a complete line of chemical cleaning products,
- **Elix®** waterless hand-cleaning towels and other cleaning substances,
- **Fluitec® (USA)**, a producer of varnish removal fluids,
- Hexagon Europe has also designed and manufactured **Q® Series by Hexagon®**, a unique high-quality line of lubricants, including EAL (Environmentally Acceptable Lubricants) and Stern Tube oils.
- **Q® Series by Hexagon®** are available globally.

Hexagon Europe is a reliable high-product and services supplier to most heavy industries, construction, food and shipping companies in its territories, with seven major warehouses strategically located globally.

Hexagon Europe offers the most advanced and sophisticated oil analysis programme, **HAP™ (Hexagon Analysis Programme™)**. It is in partnership with Polaris®, offering unique oil analysis services and exclusively designed cloud software available to all its customers.

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