



## Technical Datasheet

# MG-270 Multi grease with PTFE

### Description

Mg-270 is a resistant high-pressure lubricant with optimum characteristics of adhesion. The product has excellent creep properties and contains in addition microfine PTFE which penetrates everywhere.

Repellent properties against both fresh and salt water. The product provides longterm corrosion protection due to the good adhesion properties and has good resistance against acids.

MG-270 is used as lubricant at places with vibrations. E.g. open gearwheels, toothed bars, chainwheels, chains, wires and nails. Excellent lubrication for doors and windows as well as for chains operating with medium speed.

Does not affect most rubber types, plastics and lacquers. Does not contain metallic salt and resists high pressure wash down and steam.

Excellent for chains and machines working under water. Can normally be used together with other oils, as MG-270 is miscible with most organic and synthetic oils.

MG-270 is odourless and can be applied in many industries such as the food-, drink- and tobacco industry, canned goods production, sugar production, paper- and textile production etc.

Meets the most demands for continuous and clean lubrication in connection with water and steam, and is resistant to mild solutions of acids, bases and lye. Unlike other lubricants MG-270 is a newtonic liquid, that is, the viscosity is independent of the shear velocity, and therefore MG-270 retains its viscosity in the lubricated places.

The product is biodegradable and has very low toxicity. It is based on a synthetic oil and does not contain neither silicone or mineral oil.

Due to the high viscosity MG-270 is less suitable for the lubrication of small and fastgoing bearings, where the high viscosity can cause increased friction and heat development in the bearings - use VET-68 Sterile oil instead.

### Properties

- high pressure light grease
- synthetic
- adhesive
- water-repellent and rust-preventing
- biodegradable
- from -30° C to +240° C



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Important note: All information and technical data are based on tests which to our knowledge are correct and reliable. However, there are no guarantees. It is the responsibility of the user to make sure that the information is useable and complete in connection with the purpose in question.

Date: 15.01.2004

INFORMATION

# MG-270 Multigrease with PTFE

## Technical and physical data

Partnumber	13705
Packing	spraycan
Contents	500 ml
Weight	350 g
Propellant	propane/butane
Base	synthetic oil
Temperature area	-30°C to +240°C
Density at 20°C	0,69 g/cm <sup>3</sup>
Flashpoint (conc.)	>315°C
Viscosity at 40°C	3000 cSt.
Freezepoint	-30°C
Boilingpoint	>200°C
LD <sub>50</sub> , oral rat	>2 g/kg
LC <sub>0</sub> , fish	>100 mg/l
EC <sub>0</sub> , bacteria	>100 mg/l
Vapour pressure (conc.) 20°C	<1 m bar
Soluble in water	insoluble
Odour	mild
Colour	transparent/light yellow
Biodegradability	>90% decomposed in 21 days after CEC L-33-T-83
Emptying rate	0,89 g/sec

## Information

For more technical information and Material Safety Datasheets for the products at ITW, please contact:

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