



Technical Datasheet

GDL-650 Dry lubrication

Description

GDL-650 is an especially designed dry lubricant with molybdenum disulphide and graphite for use on machine parts, bearings, couplings, pestles, knobs, slide bars and links.

GDL-650 is used on subjects where conventional oils do not give optimum lubrication. GDL-650 is also used where accumulation of metal shavings/waste products or lubricating oil is undesired.

GDL-650 is very useful at high temperatures during running-in of machines and autoclaves.

GDL-650 is used as lubrication for parts working under working under very hard conditions like e.g. under vacuum, under very high/low temperatures or in connection with water/steam.

GDL-650 ensures excellent attachment on smooth surfaces and has a very long lifespan. As preliminary treatment of toothed gears use GDL-650 before conventional lubrication. Rough metal surfaces must be sandblasted before using GDL-650 to maintain the lubricating qualities.

GDL-650 is effective at temperatures between -180°C and $+450^{\circ}\text{C}$; depending on the surroundings up to $+650^{\circ}\text{C}$. Dries in 1 minute and is fully hardened after 5 minutes. Film thickness of app. 10μ is recommended.

Properties

- can stand heavy loads
- does not attract dust etc.
- fast drying
- reduces wear
- with molybdenum disulphide (MoS_2) and graphite
- electrical conductive
- black/grey



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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.

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INFORMATION

GDL-650 Dry Lubrication

Technical and physical data

Partnumber	07385
Packing	spray
Contents	500 ml
Weight	325 g
Propellant	propane/butane
Base	air drying laquer, MoS ₂ and graphite
Flashpoint	< 0°C
Colour	charcoal grey
Density	0,643 g/cm ³
Emptying rate	0,95 g/sec
Electrical resitance	2,3 - 2,5 K. ohm/cm at the first layer

Information

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

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