

# TECHNICAL DATA

## MOLYBOND GA10

### General purpose grease containing molybdenum disulphide

#### Description

Molybond GA10 is an extreme pressure lithium hydroxy stearate grease containing 10% molybdenum disulphide which provides extra wear protection and reduces friction under heavy shock loading and boundary operating conditions. GA10 is a multi-service, heavy duty automotive and industrial grease designed to reduce wear and resist displacement from highly loaded bearings and chassis components.

#### Areas of application

- Heavily loaded bearings, including those subjected to vibration
- Fleet vehicles

#### Features

- Meets DEF 2304 specification
- Mechanically stable - resists break-down of grease structure
- Reduces friction
- Extends lubrication cycles
- Resists water wash-out
- Temperature range -10°C to +150°C

#### Directions for use

The product is suitable for packing bearings manually as well as through a manual or air operated grease gun.

#### Technical data

	Test Method
Appearance .....	Black Grease
Lubricating Solids .....	Molybdenum Disulphide
Thickener .....	Lithium
NLGI Classification .....	2
Worked Penetration (mm x 10-1).....	265-295
Base Fluid Type.....	Mineral Oil
Base Oil Viscosity at 40°C (cst).....	180
Drop Point (°C) .....	186
'4 Ball' Weld Load (kg).....	450
'4 Ball' Wear Scar (mm).....	0.45
Timken 'OK' Load (kg) .....	25
Copper Corrosion Test .....	1A
Corrosion Resistance .....	Pass
Water Washout Test (%) at 79°C .....	4
Wheel Bearing Leakage (% max).....	5
Temperature Range (continuous).....	0°C to +150°C
	ASTM D217 (IP50)
	ASTM D445
	ASTM D566 (IP132)
	ASTM D2596 (IP239)
	ASTM D4172 at 40kg load
	ASTM D2509 (IP326)
	ASTM D130 (IP112)
	ASTM D1264 (IP215)
	ASTM D1264
	ASTM D1263

The information enclosed in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided in this Technical Bulletin should be used as a guide only, as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Pty Ltd Conditions of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids Pty Ltd excludes all other warranties in relation to this product.

## **Health & safety information**

The product is hazardous. A Material Safety Datasheet is available from the Rocol Customer Services Department upon request.

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### **Australia**

ITW Polymers & Fluids Pty Ltd  
100 Hassall Street, Wetherill Park, NSW, 2164  
Phone: (02) 9757 8800  
Fax: (02) 9757 3855

### **New Zealand**

ITW Polymers & Fluids  
18-26 Amelia Earhart Ave, Airport Oaks, Mangere  
Phone: 09 256 2122  
Fax: 09 256 2124