

MULTI-PLEX EP2

High performance, multipurpose lithium complex lubricant - 30°C + 150°C (peak temperature : 180°C)

MULTI-PLEX EP 2 is a ball bearing type grease, specially formulated for severe conditions, heavy loads and/or high temperatures operating processes where performance level is required.

Its technological advance allows to widen the temperature range of usual multipurpose grease and meet the high requirements of the most recent applications thanks to :

- A high temperature resistant lithium complex thickener,
- A highly refined mineral oil base,
- A selected quality of EP additives and strong anti-wear protection,
- A high shear stability even in presence of moisture or water,
- An excellent adherence to metal surfaces.

APPLICATIONS :

For all bearings, ball or roller bearings, pivots, articulations, general greasing particularly under heavy loads and high temperature conditions (up to + 180°C), i. e. most severe industrial operating conditions.

ADVANTAGES :

- A high temperature resistance and very low leakage tendency.
- Safer greasing and long time operating materials.
- Better productivity and benefits.
- Temperature limits are, of course, for information only, as they depend on several conditions (loads, shocks, speed, equipment state and environment, frequency of lubrication...).

TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result
Colour	Visual	-	Blue
Appearance	Visual	-	Smooth and homogeneous
NLGI grade	NLGI	-	2
Dropping point	NFT 60-627	°C	≥ 250
Unworked penetration	ISO 2137	mm 1/10	265 - 295
Penetration worked X60 strokes	ISO 2137	mm 1/10	265 - 295
Penetration loss after 100 000 strokes	ISO 2137	mm 1/10	30
Penetration loss after 100 000 strokes + water	NFT 60-626	mm 1/10	≤ 55
4 balls test, weld load	ASTM D2596	kgf	≥ 315
Anti-rust properties (Emcor test)	NFT 60-135	Rating	0/0

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.