



# eni Grease MU EP

**eni Grease MU EP** are high performance multipurpose yellow-brown, slightly-fibrous, smooth-textured lithium-base greases containing EP (Extreme Pressure) additives. The grade NLGI 00 contains a special tackyfier that makes the product specially suitable for lubrication for enclosed gear reducers.

## CHARACTERISTICS (TYPICAL FIGURES)

GREASE MU EP		00	0	1	2	3
<b>NLGI consistency</b>		<b>00</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
Worked penetration	dmm	425	370	325	280	230
ASTM dropping point	°C	180	180	185	185	185
Base oil viscosity at 40°C	mm <sup>2</sup> /s	160	160	160	160	160

## PROPERTIES AND PERFORMANCE

- The presence of EP (Extreme Pressure) additives ensures that **eni Grease MU EP** greases form a tenaciously adhering lubricating film which resists displacement even when subjected to heavy pulsating loads, thus preventing metal-to-metal contact of the lubricated surfaces. The typical value of **eni Grease MU EP 2** at the Timken test is of 45 lbs.
- The multipurpose characteristics of **eni Grease MU EP** greases facilitate lubrication planning and reduce the range of stocks to be held.
- Their good physical and chemical stability and their outstanding oxidation resistance ensures that these greases remain unaltered even after long exposure to high mechanical loads and thermal stresses.
- Their high dropping point allows the products to be used over a wide range of temperatures. **eni Grease MU EP 2** passes the following performance tests: FAG FE 9 (DIN 51821-02) and SKF R2F at 120°C.
- They ensure effective rust-protection even where the most yellow metals are concerned and further they adhere extremely well to metal surfaces resisting displacement by vibrations.
- **eni Grease MU EP** greases are water-resistant and can be used in moist conditions and in contact with water, while good pumpability facilitates dispensing even at low temperatures.

## APPLICATIONS

**eni Grease MU EP** are suitable for use in all cases where conditions call for a grease with EP (Extreme Pressure) properties. For example, plain bearings, heavily loaded ball and roller bearings even when operating at high temperatures and for all lubrication requirements in general where operating conditions are especially difficult.

Their ability to withstand loads widens their range of application to embrace many fields of technology.



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**eni Grease MU EP 00** is especially suitable for the lubrication of enclosed steel cylindrical, conical and helical gears, such as for gear reduction units working at medium temperatures and loads, or for any gear where the oil application is difficult and the grease remains in service for a very long period.

**eni Grease MU EP 00** can be employed also in centralized lubrication systems installed on industrial trucks, agricultural machinery, industrial plants and for lubrication of slide ways of machine tools.

## SPECIFICATIONS

**eni Grease MU EP** meets the following classifications:

GREASE MU EP	00	0	1	2	3
ISO 6743-9	L-X-BCHB 00	L-X-BCHB 0	L-X-BCHB 1	L-X-BCHB 2	L-X-BCHB 3
ISO 6743-6	L-CKG 00	L-CKG 0	L-CKG 10	--	--
DIN 51 825	KP00K -20	KP0K -20	KP1K -20	KP2K -20	KP3K -20
DIN 51 826	GP00G	GP0K	GP1K	-	-
MAG (CINCINNATI)	--	P-79	P-72	P-64	--