

LITEN EPX 00

GENERAL FEATURES:

LITEN ® EPX semi-liquid gear lithium greases are based on mineral oil with the kinematic viscosity of ca. 150 mm²/s at 40 °C. Due to required better lubricating properties they are enriched with EP additives as well as additives increasing adherence, antioxidative and anticorrosive properties.

APPLICATION:

Liten ® EPX greases are intended to lubricate closed toothed cylindrical and bevel gears working in the temperature range between -20 °C and +100 °C.

The selection of Liten ® EPX grease depends on the design and sealing degree of the gear and working temperature.

- Liten ® EPX 00 – is used in lower temperatures than given above and at good sealing of the gear,
- Liten ® EPX 0 – is used in intermediate conditions,
- Liten ® EPX 1 – is used in higher temperatures than given above and at weak sealing of the gear.

STANDARDS, APPROVALS. SPECIFICATION:

DIN 51 502: GP00G-20 ISO 6743-9: BBEB-00

PHYSICAL AND CHEMICAL PROPERTIES:

Parameters	Unit	Typical values
NLGI class		00
Worked penetration at 25°C	mm/10	420
Penetration at - 20°C	mm/10	210
Dropping point	°C	173
Ability to transfer loads at the FZG	Breaking load	11
Structural stability Oil separation from grease; 100°C/24h	%	-

Note: The above values of physical and chemical properties are typical values. Actual values are specified in quality certificates enclosed with each product lot.

VERSION:

1 / 2023.07.17

