LITEN EP-3

GENERAL FEATURES:

LITEN ® EP plastic greases are manufactured basing on refined mineral oil with the viscosity about 150 mm 2 at temperature 40 ° C, lithium soaps of 12- hydroxylstearin acid and a set of additives increasing their lubricating, antioxidative and anticorrosive properties.

APPLICATION:

LITEN ® EP plastic greases are intended to lubricate rolling bearings exposed to high loads and for less loaded bearings which, however, are exposed to impact loads.
Grease range of application: from -20 ° C to +120 ° C even in contact with water.

Limit working temperatures may however be higher or lower depending on the bearing type and required lubrication periods.
• LITEN EP-0 is intended to lubricate bearings of central lubricated devices working in low temperatures (-20 to +120 ° C) and requiring forcing through of grease to long distances,
• Liten EP-1 is designed for lubrication of bearings of central lubricated devices working in moderate ambient temperatures and requiring forcing through of grease to long distances,
• Liten EP-2 is designed for lubrication of bearings of both central and individually lubricated devices working in high ambient temperatures and requiring forcing through of grease to short distances,
• Liten EP-3 is designed for lubrication of bearings of individually lubricated devices.

STANDARDS, APPROVALS. SPECIFICATION:

DIN 51 502: KP3G-20
ISO 6743-9: BCHB-3

PHYSICAL AND CHEMICAL PROPERTIES:

Parameters	Unit	Typical values
NLGI class		3
Worked penetration at 25°C	mm/10	238
Penetration at - 20^{0}C	mm/10	132
Dropping point	^{0}C	215
Structural stability oil separation from grease (m/m)	%	0,3
Weld load	kG	250
Base oil viscosity at temp. 40°C	mm^2/s	150

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

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LITHIUM GREASES

VERSION:
1 / 2023.07.17

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