

## LITEN EP-1

### GENERAL FEATURES:

LITEN ® EP plastic greases are manufactured basing on refined mineral oil with the viscosity about 150 mm<sup>2</sup> 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: KP1G-20

ISO 6743-9: BCHB-1

### PHYSICAL AND CHEMICAL PROPERTIES:

Parameters	Unit	Typical values
NLGI class		1
Worked penetration at 25°C	mm/10	332
Penetration at - 20°C	mm/10	172
Dropping point	°C	202
Structural stability oil separation from grease (m/m)	%	3,8
Weld load	kG	250
Base oil viscosity	mm <sup>2</sup> /s	150
at temp. 40°C		

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

