

DOVNIA EP SERIES

EXTREME PRESSURE LITHIUM HYDROXYSTEARATE SOAP GREASES



Performance Claims

DIN 51502: KP1K-20, KP2K-20, KP3K-20; ISO: 6743-9; L-XBCEB 1,2,3

Product Description

DOVNIA EP SERIES are extreme pressure greases, manufactured from pure lithium hydroxystearate soap base greases to provide extra protection against wear, rusting and water washout. DOVNIA EP SERIES are suitable for transport, agriculture, off road equipment, bearing and joints at heavy shock load for a wide operating temperatures range (-20 to +120°C).

Features & Benefits

- ✓ Extended bearing life.
- ✓ Excellent thermal and oxidation stability.
- ✓ Excellent mechanical stability to avoid loss of consistency during operation.
- ✓ Excellent adhesion properties and seal bearing against water, dust, contaminants.

Applications

DOVNIA EP SERIES are multi-functional extreme pressure greases for bearings in many heavy duty industrial applications such as steel mills, paper mills, heavy structural construction/fabrication industries, mining and automotive industries. DOVNIA EP1 is suitable for centralized lubrication systems and also recommended for use in flexible type gear couplings.

Typical Test Data

Characteristics	Method	Unit	Typical Value		
Product Code			GSSL53021	GSSL53022	GSSL53023
Product Name			DOVNIA EP 1	DOVNIA EP 2	DOVNIA EP 3
Type of Soap			Lithium	Lithium	Lithium
NLGI Grade	ASTM D 217	Rating	1	2	3
Appearance	Visual	None	Smooth Buttery	Smooth Buttery	Smooth Buttery
Colour	Visual	None	Brown	Brown	Brown
Worked Penetration @ 25, 60 Strokes	ASTM D 217	mm/10	320	280	240
Dropping Point	ASTM D 566	°C	185	190	195
Copper Strip Corrosion	ASTM D 4048	Rating	Pass	Pass	Pass
Base Oil Viscosity @40°C	ASTM D 445	cSt	220	220	220
Four Ball Weld Load	ASTM D 2596	Kg	250	250	250

Health and Safety

This product used as our recommendation for intended application is not expected to produce any particular risk. A safety data sheet of the product is available on request from your sales contact office or via internet. In case of used oil elimination, please respect the regulation and protect the environment.

Available Packages | 180 KG | 20 KG | 18 KG | 15 KG | 3 KG | 1 KG | 500 gms | 400 gms | 225 gms |