



Technical Data Sheet

NILEX EP 2

High performance EP long-life lubricant grease

Description

NILEX EP-2 is a high performance EP long-life grease with outstanding adhesiveness and excellent mechanical stability. Its colour is green. Its formulation, particularly advanced manufacturing process and specifically formulated additive package provide an extraordinary lubricant grease with outstanding water and humidity resistance (excellent resistance even in salted water), exceptional resistance to heavy loads and very interesting working temperature range.

Use / application

NILEX EP-2 is suitable for use on all types of bearings operating under extreme pressure, on elevated temperatures and, generally, under heavy environmental conditions. NILEX EP-2 is completely water resistant, therefore is particularly indicated for the lubrication of critical points working underwater or even in contact marine water. NILEX EP-2 is particularly suitable for use in steel and smelting works, glassworks and glazing machines and generally on every industrial plants working on elevated temperatures. It is not suitable for fast bearings with d/n factor higher than 200.000. NILEX EP-2 is suitable as universal and high-performance grease for earthmoving equipment, agricultural machinery, trucking, cranes, forklifts and similar machinery.

Properties

Perfect oxidation resistance; mechanical stability; excellent water resistance (even to salt and hot water); perfect protection against corrosion; excellent protection against rust and friction wear; important prolongation of lubricating interval; extremely strong, tenacious and resistant lubricating film; extreme pressure resistance; adhesiveness out of ordinary.

Specifications

KP 2 P-20

ISO-L-XBDHB 2

Technical Data

Thickener			Aluminium complex
Classification	DIN 51502	KP 2 P-20	
Classification	ISO 6743-9	ISO-L-XBDHB 2	
NLGI consistency class			2
Working temperature		°C	-25/+150
Short time admissible temperature peak		°C	+200
Drop point	ISO 2176	°C	ca. 250
Corrosion protection (Emcor Test)	DIN 51802	degree	0
Four-ball test (welding load)	ASTM D2596	N	3000
Worked penetration	ISO 2137	1/10 mm	265/295
Timken Test (OK load)	ASTM D2509	N	178
Base oil viscosity at 40°C	ASTM D445	mm²/s	ca. 840
Water resistance	DIN 51807 T1	degree	0-90