

EAL WIRE ROPE

Grease informations



Eco label grease : LanoPro Multi Grease EP2 EAL Multi-Purpose EP Grease - NLGI 2

Description

Lanopro Multi Grease EP2 is a calcium thickened lubricating grease based on renewable biodegradable vegetable oil and polymers. The grease contains antioxidants, corrosion inhibitors, and EP/AW additives.

The product with its environmentally adapted base oil blend is suitable for various applications within given temperature limits. The all-round properties include good mechanical stability, load carrying capacity, water resistance and corrosion protection.

Lanopro Multi Grease EP2 is a modern high performance readily biodegradable grease for both industrial, marine and automotive applications. The product can also favorably be used for forestry, construction & agricultural equipment.

- VGP/EAL compliant
- Good corrosion resistance
- Wide range of applications
- Good water resistance

Technical Data

Properties	Test Method	Typical Values
Thickener		Calcium
Base fluid		Polymer vegetable oil
Colour	Visual	Brown
NLGI grade	ASTM D 217 mod	2
Dropping point	IP 396	>140°C
Base oil viscosity at 40°C	ASTM D 7152	130mm ² /s
Penetration 60 strokes	ISO 2137	265-295
4-ball weld load	DIN 51350:4	2800 N
Water resistance at 90°C	DIN 51807:1	0
Water wash out at 38°C	ISO 11009	<10%
Temperature range		-20°C to +80°C (max +100°C)

POWERLIFT6 ECO

Eco-friendly wire rope with LANOPRO grease that acquired European eco-label



MULTI PURPOSE



EXTREME PRESSURE



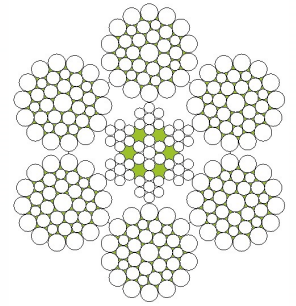
CORROSION PROTECTION



WATER RESISTANCE



ENVIRONMENTALLY FRIENDLY



FOR ECO-FRIENDLY

Nominal Dia		DSR SPEC		
		Minimum Breaking Load (Metric ton)		Approx Weight
		180 kg/mm2	200 kg/mm2	
mm	inch	1770 N/mm2	2160 N/mm2	kg/m
28		54.2	59.7	3.44
28.6	1-1/8	56.6	62.3	3.59
30	1-3/16	62.2	68.5	3.95
31.8	1-1/4	69.9	77.0	4.44
32		70.8	77.9	4.49
34		79.9	88.0	5.07
35	1-3/8	84.7	93.2	5.38
36		89.6	98.6	5.69
38		99.8	109.9	6.34
38.1	1-1/2	100.4	110.5	6.37
40		110.6	121.8	7.02
42		122.0	134.3	7.74
44		133.9	147.4	8.50
44.5	1-3/4	136.6	150.4	8.67
46		146.3	161.1	9.29
48		159.3	175.4	10.11
50		172.9	190.3	10.97
50.8	2	178.4	196.4	11.33
52		187.0	205.8	11.87
54		201.6	221.9	12.80
56		216.8	238.7	13.76
57.2	2-1/4	226.2	249.0	14.36
58		232.6	256.0	14.76
60		248.9	274.0	15.80
63.5	2-1/2	278.8	306.9	17.70
66		301.2	331.5	19.12
68		319.7	351.9	20.29
70	2-3/4	338.8	360.0	21.51
72		358.4	382.0	22.75
74		378.6	403.0	24.03
76.2	3	401.5	425.0	25.48

- DSR wire rope manufacturing spec: 6mm ~ 150mm
- Grade: 1770 N/mm2 ~ 2160 N/mm2 (even over 2160 N/mm2)
- If there is required specific MBL, customized wire rope can be provided.