

RALCO PLEX L 2 S

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Description
Ralco Plex L 2 S is a complex soap thickened synthetic grease. It provides high resistance to oxidation, superior anticorrosive capacity, E.P. characteristics, good adherence to metal and good resistance to water, and resistance to vapour, acid and alkaline solutions.

Applications
Ralco Plex L 2 S is specially designed for bearings which operate in a wet environment. It is also specially designed for spindles, cams, joints and turbines. Extremely suitable for the lubrication of spindles in CNC machines. Ralco Plex L 2 S Greases are recommended for their performance in combination with metalworking emulsions.

Benefits
- Excellent behaviour to temperatures
- Corrosion protection
- Long life grease
- Extended bearing life
- Lower grease consumption
- Extends lubrication intervals
- Good pumpability
- Excellent adhesiveness

Typical performance data

	Test method	L 2 S
Colour	-	White
Thickener, soap type	-	Barium complex
Base oil nature	-	Synthetic
Base oil viscosity @ 40 ºC, cSt	-	22
Base oil viscosity @ 100 ºC, cSt		5
NLGI class	DIN-51818	2
Penetration @ 25 ºC, x 0,1 mm	ASTM D217	265-295
Drop point, ºC	ASTM D566	>220
Oil separation 7 days/40 ºC, %	IP-121	3
Flow pressure @ -40 ºC, mbar	DIN-51805	4
4-balls, Welding load, kg	IP-239	320
4-balls, Wear scar diameter 1'/40 kg, mm		0.50
EMCOR corrosion test	DIN-51802	0
Copper corrosion 24hrs/100 ºC	ASTM D4048	1b
Resistance to water wash-out, 80 ºC, %	ASTM D1264	1.50
Evaporation loss, weight %, 22hrs/100 ºC, %	ASTM D972	<0.80
SKF-ROF test, 20.000 rpm, 110 ºC	-	L50 = 1910
Service temperatures, ºC	-	-50 – 150
Speed factor	-	10^6

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