



GREASE

INNOVA SYNCOMPLEX/FG-LT1



DESCRIPTION

INNOVA SYNCOMPLEX/FG-LT is a premium quality, water-resistant, NSF H1 grease for use in food processing environments where incidental food contact may occur.

APPLICATIONS

INNOVA SYNCOMPLEX/FG-LT is specifically designed for applications where frequent washdown of plant is essential. INNOVA SYNCOMPLEX/FG-LT is suitable for plain and anti-friction bearings operating at very low temperatures or very high speeds.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
High degree of water resistance.	Excellent rust and corrosion protection.
Good anti-wear and extreme pressure properties.	Extreme low temperature applications.
	High speed applications up to 800,000 dN Factor.

PHYSICAL-CHEMICAL CHARACTERISTICS

CYCLON INNOVA SYNCOMPLEX/FG-LT	METHOD	
NLGI		1
Color/Appearance	Visual	Off-white tacky
Texture	Visual	Smooth
Thickener type		Calcium 12-hydroxy stearate
Base Oil		Synthetic oil
Base oil viscosity @40°C, mm ² /s	ASTM D445	32
Dropping point, °C	ASTM D2265	140
Worked penetration, mm/10 @25°C 60 strokes	ASTM D 217	310-340
EP properties & Wear characteristics Weld load, kgf Wear scar diameter, mm	IP239	315 0.6
Water washout @ 38°C, % max	ASTM D 1264	2.5
Copper Strip Corrosion	ASTM D 4048	1b
Dynamic corrosion resistance (EMCOR)	IP 220	0:0
dN factor		800,000
Operating temperatures, °C		-60/+110

The abovementioned characteristics represent mean values.

SPECIFICATIONS

DIN 51825 KPHC1H-60; ISO 6743/9 L-X-ECHB1; NSF H1