



GREASE

INNOVA COMPLEX/FG-GL 2



DESCRIPTION

INNOVA COMPLEX/FG-GL is a new generation, NSF H1 foodgrade grease designed specifically for the general lubrication of the most sensitive applications in the food industry. This grease is an over based calcium sulfonate complex-thickened grease formulated with permitted ingredients that include antioxidants, extreme pressure and anti-wear additives to meet the most stringent requirements of the food industry. This innovative grease outperforms all other food grade greases like calcium base, clay base and even aluminium complex base greases.

APPLICATIONS

INNOVA COMPLEX/FG-GL is NSF H1 approved for applications where there is a possibility of incidental food contact. It can be applied by hand or by using a standard grease gun (400g cartridges are available), or via a central lubricating system capable of pumping an NLGI No. 2 grease. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
NSF H1 classified.	Foodgrade and cosmetics applications-ideal
Good extreme pressure properties.	Enhanced load carrying capabilities and prolonged machinery/equipment useful product lifecycle.
Enhanced rust protection.	Works effectively for extended periods of time under water ingress.

PHYSICAL-CHEMICAL CHARACTERISTICS

INNOVA COMPLEX/FG-GL	METHOD	
NLGI		2
Texture		Smooth, tacky
Color	Visual	Off-white
Thickener		Calcium sulphonate complex
Penetration Worked after 60 strokes, mm/10 @25°C Change after 100,000 strokes	ASTM D-217	265-295 <20
Roll Stability, % change	ASTM D 1831	<3.0%
Dropping point, 0 F	ASTM D 2265	+550
Viscosity @ 40°C, cSt	ASTM D 445	250
Viscosity @ 100°C, cSt	ASTM D 445	20.8
Viscosity Index	ASTM D 2270	98
4-Ball EP load, kg	ASTM D 2596	620
Timken OK load, lbs	ASTM D 2509	60
Water washout @ 175 0 F, % wt.	ASTM D 1264	2.0
Copper Corrosion	ASTM D 4048	Pass
Rust Test	ASTM D 1743	Pass
Temperature Range, °C		- 20/+150

The abovementioned characteristics represent mean values.

SPECIFICATIONS

DIN 51825 KP2N-20; ISO 6743/9 L-X-BDHB2; NSF H1