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# Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

## GREASE

# SumTech® EMB FG-150

*SumTech® EMB FG-150 is a full synthetic ISO 150 polyurea grease specifically designed for the food service, beverage and packaging industries. It is extremely robust and versatile in diverse applications, while providing outstanding protection from rust, corrosion and wear. Registered as NSF H1, the organic polyurea thickener system contains no metal ions which act as catalysts for oxidation. With an operational lifetime up to 50% greater than conventional thickeners, this long life grease can extend the life of bearings running at high speeds and high temperatures. The extended service temperature range of -22° F to 320° F and high speed factor of 500,000 nDm makes SumTech® EMB FG-150 the ideal lubricating grease for electric motor bearings designed to be lubricated for life. This exceptional grease is fully compatible with current polyurea thickened greases.*

## Physical Properties

PRODUCT	EMB FG-150
NLGI Grade	2
Color	light tan
Texture	smooth
Base Oil	esters
Base Oil Properties	
Viscosity at 40°C cSt	150
Viscosity at 100°C cSt	15
Viscosity Index	100
Thickener Type	polyurea
Density at 20°C (g/cm <sup>3</sup> )	0.96
Service Temperature	-22°F to 320°F
Drop Point	>290°C(482°F)
Penetration-Worked 60 ds	265-295
Oil Separation	<3%
4-Ball Wear	0.50 mm
Weld load	160 kg
Water Washout	<7%
Corrosion Preventative Properties	pass
Corrosion Preventative Properties, EMCOR	1
Copper Corrosion	1b
NSF Registered	H1

**Shelf Life:** Product shelf life is 2 years from the date of manufacture, after which the product should be recertified prior to use.