

SumTech® EMB FG-150

Full synthetic ISO 150 polyurea grease



Your benefits at a glance

- Versatile in diverse applications
- Protection from rust, corrosion and wear
- Operational lifetime up to 50% greater than conventional thickeners

Your requirements - our solution

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.

Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	SumTech EMB FG-150
Article number	340583
Composition, thickener	polyurea
Colour	light beige
Density	0.96 g/cm ³
NLGI grade	2
Worked penetration	265 - 295 0.1 mm
Kinematic viscosity of the base oil, 100°C	approx. 15 mm ² /s
Kinematic viscosity of the base oil, 40°C	approx. 150 mm ² /s
Viscosity index	100
Copper corrosion	1 - - corrosion degree
SKF-EMCOR	1 corrosion degree
Oil separation	< 3 % by weight
Dropping point	> 290 °C
Four-ball tester: wear characteristics	0.50 mm
Four-ball tester, welding load	160 kgf
Water washout test	< 7 % by weight
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 months

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Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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