

SumTech® FMG Series

Aluminum complex thickened semi-synthetic



Your benefits at a glance

- Excellent water resistance
- Broad operating temperature range
- Excellent anti-wear/extreme pressure properties
- Oxidation resistance
- Corrosion prevention

Your requirements - our solution

SumTech FMG grease is an aluminum complex thickened semi-synthetic lubricating grease created specifically for the food service, beverage, and packaging industries. The aluminum complex thickener system provides excellent water resistance and a broad operating temperature range. A combination of newly developed additives and dependable HXI additives provides excellent anti-wear/extreme pressure properties, oxidation resistance, and corrosion prevention. Special additives are employed to keep the

grease in place between wash-down cycles which improves equipment and lubricant life in wet conditions. SumTech FMG grease is NSF Registered and meets USDA 1998 (H1) guidelines (lubricants with incidental food contact).

SumTech FMG is ideal for lubrication of production equipment in beverage canning operations, bottling operations, meat and poultry processing, dairy operations, fruit and vegetable processing, bakeries, and pharmaceutical plants.

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 FMG-0	SumTech FMG-1	SumTech FMG-2
Article number	320586	320443	320431
Composition, thickener	aluminium complex soap	aluminium complex soap	aluminium complex soap
Colour	white - yellow	white - yellow	white - yellow
NLGI grade	0	1	2
Worked penetration	355 - 385 0.1 mm	310 - 340 0.1 mm	265 - 295 0.1 mm
Kinematic viscosity of the base oil, 100°C	approx. 18 mm ² /s	approx. 18 mm ² /s	approx. 18 mm ² /s
Kinematic viscosity of the base oil, 40°C	approx. 150 mm ² /s	approx. 150 mm ² /s	approx. 150 mm ² /s
Viscosity index	140	140	140
Oil separation	< 10 % by weight	< 7 % by weight	< 3 % by weight
Dropping point	approx. 210 °C	approx. 250 °C	approx. 270 °C
Four-ball tester: wear characteristics	< 0.55 mm	< 0.55 mm	< 0.55 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months	36 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.

Summit Lubrication a brand of Klüber Lubrication NA LP /
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