



ProLube® HIGH TEMP H1 Food Grade Machinery Grease #1 & #2
Biodegradable H1 Bio-Greases Certified by NSF International®
Cert. # C0207169. Products Listed # 149703, 149695, 149696, 149697

ProLube® HIGH TEMP H1 Food Grade Machinery Grease #1 & #2 is formulated mostly with the best European crop oils and organoclay-based thickener that surpass the lubricity of most conventional oils. It is formulated in accordance with the criteria established by USDA H-1 and U.S. FDA regulation 21 CFR 178.3570, "Lubricants With Incidental Food Contact." It has been approved by the NSF International. Based on evaluation of the base oils and the finished products, ProLube® HIGH TEMP H1 Food Grade Machinery Grease #1 & #2 is biobased, biodegradable, not-bioaccumulative, non-aquatic toxic, and not toxic to plants as determined by known test methods. Nevertheless, the use of all ProLube® products are subject to the local ordinances and ultimate responsibility for impact remains with the users.

ProLube® HIGH TEMP H1 Food Grade Machinery Grease #1 & #2 meets OECD 301 tests for biodegradability, the USDA content criteria for Biobased labels and is non-bioaccumulative, not toxic to plants, and aquatically non-toxic. Our biodegradable formula reduces damage to the environment. Note: the user of all ProLube® products is responsible for ensuring the use of these products meets the local laws and ordinances.

ProLube® HIGH TEMP H1 Food Grade Machinery Grease #1 & #2 meets the demanding applications of the food processing and beverage industries. Superior lubricity protects moving parts and provides long lasting lubrication at high temperatures. **It has no "dropping point" excellent as chain grease for bakery ovens and like applications.**

ProLube® HIGH TEMP H1 Food Grade Machinery Grease #1 & #2 contains extreme pressure additives that protect under heavy shock loads and protects all ferrous metal components from rust and corrosion. Its superior adhesion resists water wash out and provides an excellent operating temperature range. It meets USDA's Biobased product definition for EO 13101 as well as the EPA's Environmental Preferable Purchasing (EPP) criteria. It was developed for the food processing industry (agriculture, sugar production, bakeries, meat processing plants, vegetable and oil production), and the cosmetic and pharmaceutical industries. It can be used for: central lubrication systems, belt-drive cogs, chains, sliding discs, runners, rollers, cog wheels and other mechanisms that work in a wide range of operating temperatures and require greases that can come into incidental contact with food.

Representative Technical Data:

NLGI grade	1	2
Appearance	Ivory, natural	Ivory, natural
Thickener	Organoclay	Organoclay
Penetration, 60 Strokes ASTM D-217	325	280
Four Ball Wear Scar (mm)	0.48	0.48
Four Ball Weld Load (kg)	200	200
Corrosion, ASTM D-1743	Pass	Pass
Base Oil Viscosity at 40°C (cSt)	40	40
Base Oil Viscosity at 100°C (cSt)	8.6	8.6
Base Oil Viscosity Index	213	213
Operating Temperature Range (°C)	-20 to +250	-20 to +250
Base Oil Biodegradability OECD 301F	Pass	Pass
Base Oil Aquatic Toxicity OECD 202	Non-toxic, Pass	Non-toxic, Pass

Packaging: Please contact ProLube®

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