

Foodmax[®] EXTREME

HIGH PERFORMANCE FOODGRADE UNIVERSAL HIGH TEMPERATURE FLUID

Product Code
826155

Food Grade Sprayscans



Nonfood Compounds
Program Listed H1
160234

High Performance Foodgrade Universal High Temperature Fluid

This product is based on highly polar biodegradable ester base oil and is inhibited against oxidation to give a long wet film life at high temperatures. Foodmax Extreme is fortified with hBN (Hexagonal Boron Nitride) which acts as solid lubricant providing superior anti wear properties and more lubrication at temperatures far above 300 °C. The highly polar molecules strongly adhere to the surface and withstand high temperatures, at the same time separating the moving parts due to its highly viscous lubricating film maintained at these high temperatures. hBN will provide boundary lubrication when the ester stops.

Foodmax Extreme is designed for the lubrication any moving part in the food, cosmetic, pharmaceutical, textile, glass, steel, and wood industry. Examples are; conveyor chains, slides, bearings running continuously at high temperatures, textile

stenters, drying machines, bakery ovens and on paint stove chains. Foodmax Extreme possesses outstanding anti wear capacity and will reduce wear on chains significantly like no other.

Long fluid life at high temperatures, which provides maximum lubricant economy. Low volatility reducing evaporation residues and does not form hard carbon deposits. It has superior load and anti-wear properties. Miscible with most ester, mineral and PAG based fluids. Highly polarized molecules providing excellent lubricity. Excellent thermal stability for working temperatures up to 285 °C Peak temperature of >300 °C



e 400ml

Typical Performance Data

Typical	Value
Appearance	White liquid
Density @ 20 °C, g/ml	0.950
Viscosity @ 40 °C, cSt	120-170
Viscosity Index	187
Pour point, °C	-32
Auto ignition temperature, °C	>350
Weight loss after 1 hr. @ 250 °C, %	<2.0
Working temperatures, °C	-10 – 280

How to use:

Shake Foodmax Extreme well before use to make sure the hBN is dispersed. Spray from a distance of 20-30cm onto the application using the standard spray nozzle or the extended blow pipe for more precise spraying. Please note that the spray can contains flammable propellant and therefore the product should be applied on "cold" surfaces only. As soon as the propellant is evaporated the product is ready to resist high temperatures.

All performance data on this Technical Data Sheet are indicative only and can vary during production.