



VESTAN FM 460 GREASE

(Semi-synthetic Food Grade Grease)

VESTAN FM 460 GREASE is a semi-synthetic extreme pressure, food-grade grease designed for lubrication of food processing equipment. Its components meet NSF H-1 guidelines. This means **VESTAN FM 460 GREASE** is permitted for use in federally inspected meat and poultry plants where there is a potential for incidental contact with food products.

Unlike conventional food grade greases, **VESTAN FM 460 GREASE** is formulated to provide the same level of performance as premium-bearing greases not intended for food machinery use. It contains extreme pressure additives and extra heavy base oil that protect components from wear when heavy loads or shock loads are encountered. Its aluminum complex thickener system provides high temperature performance as well as outstanding water resistance.

In addition, **VESTAN FM 460 GREASE** is compounded with a special polymer and high base oil viscosity to enhance its adhesiveness and cohesiveness. This additional impact resistance keeps **VESTAN FM 460 GREASE** from pounding out in applications where shock loading occurs. It also improves water resistance and helps **VESTAN FM 460 GREASE** form a protective “collar” around bearing seals to prevent entry of contaminants.

VESTAN FM 460 GREASE contains other additives to improve performance. Rust inhibitors prevent corrosion, even in high moisture environments. Anti-oxidants reduce deposit formation and extend

regreasing intervals in high temperature applications.

BENEFITS:

- EXTREME PRESSURE PROTECTION
- FOOD GRADE QUALITY
- SUPERIOR WATER RESISTANCE
- HIGH FILM STRENGTH AND IMPACT RESISTANCE
- EXTENDS REGREASING INTERVALS

APPLICATIONS:

VESTAN FM 460 GREASE is a versatile lubricating grease that can be used in a wide range of food preparation and packaging equipment. It is recommended for applications where incidental contact with food or food packaging can occur.

The heavy base oil enhances the extreme pressure capacity and impact resistance of **VESTAN FM 460 GREASE**. This makes it suitable for the lubrication of heavily loaded, high output machinery.

VESTAN FM 460 GREASE is an NLGI grade 2, which is the most frequently recommended grade. It can be used in a wide temperature range from -10 F to 350 F (depending upon the method of application.) **VESTAN FM 460 GREASE** may be applied either manually or automatically via a central system.





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TYPICAL CHARACTERISTICS

NLGI Grade	2
Product Code	39776
Thickener Type	Aluminum Complex
Texture	Slightly Tacky
Color	White
Worked Penetration (ASTM D-217)	290
Dropping Point (ASTM D-2265) °F	500
Base Oil Viscosity (ASTM D-445):	
SUS @ 100 F	2450
cSt @ 40°C	460
cSt @ 100°C	33.7
Viscosity index	95
Oxidation Stability (ASTM D-942) PSI Drop, 100 Hrs	5.0 max.
Copper Corrosion (ASTM D-4048)	Pass
Rust Prevention (ASTM D-1743)	Pass
Copper corrosion rating (ASTM D)	1B
Timken OK load, lb	45
4 Ball EP	
Weld load	250
LWI	50
Approximate Temperature Range* °F	-10 to 350
*Actual temperature range is subject to method of application and equipment design.	

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
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