



MAXIPLEX/FG EP #2 FOOD GRADE GREASE

TECHNICAL DATA

DESCRIPTION:

MAXIPLEX/FG EP#2 GREASE is the newest, state-of-the art, multi-purpose, food grade, extreme-pressure (EP) grease with a melting point of over 470⁰F. Due to the high melting point, retention is insured where high temperatures may occur. The outstanding resistance to change and consistency allows **MAXIPLEX/FG EP#2 GREASE** to maintain excellent mechanical stability.

MAXIPLEX/FG EP#2 GREASE is manufactured with special additives and an oil-soluble additive, thereby providing high film strength, anti-wear and EP protection. High quality, high VI base oils, combined with effective anti-oxidant additives, provide excellent resistance to high temperature oxidation. With the high melting point, this grease can be used at temperatures up to 470⁰F, on a temporary basis, without the loss of lubricating protection.

- Lubrication ability is retained over long periods of heavy use and does not harden in bearings
- Superior shear stability reduces leakage and forms a tough grease seal, preventing contaminants from reaching bearings
- Strong rust inhibitor package insures corrosive protection under wet conditions
- Aluminum complex soap provides food grade quality with high resistance to water washout.

USES:

- Lubrication of heavy industrial equipment where heavy loads and wet conditions require grease to have high durable film strengths
- Machinery that requires food grade quality, extreme and normal loads
- Performs particularly well in difficult bearings, such as slow oscillating or reciprocating applications
- Recommended where long lubrication intervals are required, and many manufacturers of industrial equipment specify an EP grease
- Typical uses include roller, ball, friction, anti-friction and needle bearings, water pumps, bucket pins, ball and universal joints, open gears, pillow block bearings and sliding surfaces.

NOTE: Different types of grease tend to be incompatible with others, to a greater or lesser degree, depending



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ADMAX Performance Lubricants – A leader in lubricant technology

on their chemistry. Good lubrication practice dictates that when changing from one grease to another, excessive grease

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FOOD GRADE GREASE, AD012**

Specifications:

ITEM	ASTM ⁽¹⁾	
Soap Type	N/A	Aluminum Complex
NLGI ⁽²⁾ Grade	N/A	2
Texture	N/A	Smooth, tacky
Color	N/A	White
Penetration: 77 ⁰ F, 60 Strokes	D-217	288
Rust Test Rating	D-1743	1, 1, 1
Oxidation: 100 hour, PSI loss	D-942	3
Oil Separation	D-1742	1.3
Dropping Point	D-1265	470 ⁰ F +
Four Ball: EP Weld Point	D-2596	450
EP LWI ⁽³⁾	D-2596	65.5
Wear Scar Diameter	D-2266	.70
Timken OK Load, Minimum	D-2509	50
Water: Washout @ 175 ⁰ F	D-1264	<10%
Spray off	D-4049	<10%
Viscosity Index	D-2270	100
Viscosity without Polymer:		
SUS @ 100 ⁰ F	D-2161	750
cSt @ 40 ⁰ C	D-445	144
cSt @ 100 ⁰ C	D-445	14
Solid Lubricant	N/A	N/A

- (1) American Society for Testing and Materials (ASTM)
- (2) National Lubricating Grease Institute (NLGI)
- (3) Load Wear Index (LWI)
- (4) available in **MOLY MAXIPLEX EP GREASE** only



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