



LUBRI-LOY.

International Headquarters

150 Enterprise Drive
Wentzville, MO 63385

Phone 636•561•5007

Fax 636•561•5006

www.lubriloy.com

PRODUCT BULLETIN

“IMPACT FG” PREMIUM FOOD GRADE MACHINERY WHITE GREASE

SUMMARY

IMPACT FG is a premium Food Grade Machinery White Grease for use in food processing establishments where there might be incidental contact with food. It meets or exceeds the requirements of CFR Title 21, Para. 178.3750 of FDA Regulations.

Lubri-Loy Catalog#s: 9014, 9640, 9192, 97040

DESCRIPTION

This HEAVY DUTY FOOD GRADE GREASE is extremely water resistant with excellent adhesive strength to stand up to frequent wash downs. Formulated for a wide variety of operating conditions and temperature ranges.

QUALITIES

- 40 lb. Timken EP performance
- Superior Four-Ball EP and antiwear performance
- Excellent rust protection
- Oxidation inhibited
- Good high-temperature properties
- Excellent resistance to water
- NSF Registered

FIELD SERVICE APPLICATIONS

Roller, needle, ball, journal, and sliding bearings found in food processing and handling industry. Also used in valves.

TYPICAL PROPERTIES

NLGI No.	2
Material Code	655700001
Thickener	Aluminum Complex
Texture	Smooth, Tacky
Color	White to Off-White
Usable Temperature Range	-5 to +450°F (-21 to +232°C)
Dropping Point, ASTM 2265	510°F (266°C)
Penetration at 77°F, ASTM D-217 worked 60 strokes	265-295 (NLGI 2)
Oxidation, ASTM D942, psi drop at 200 hrs	10
Water Resistance, ASTM D1264, % loss at 100°F	2.4
Rust Prevention, ASTM D1743, rating	Pass
Copper Corrosion, ASTM D4048, rating	1B
Timken Test, ASTM D2509, OK load, lbs	40
Four-Ball Weld, ASTM D2596, kgs	400
Four-Ball Wear, ASTM D2266, mm scar	0.55
Four-Ball Load Wear Index, ASTM D2599, kgf	55
Oil Separation, ASTM D1742, % separated	2.0
Base Fluid Viscosity	
ASTM D445, cSt at 40°C	581
cSt at 100°C	65.8
Viscosity Index, ASTM D2272	188

