

REDUCE DOWNTIME & INCREASE PRODUCTIVITY

POWER UP FOOD GRADE GREASE.

BRIEF PRODUCT DESCRIPTOIN: A state of the art high performance mineral oil based food machinery grease which utilizes a complex calcium sulfonate thickening system. The grease is marked by its exceptional mechanical stability, very high load carrying properties, excellent thermal stability and particularly excellent resistance to water and corrosion.

Special benefits: Complies with the FDA regulations for “incidental food contact” (Formerly H1) Formulated with white mineral oil.

Application areas: Food machinery – incidental contact only.

GENERAL PHYSICAL PROPERTIES:

		<u>Typical Result</u>
NLGI GRADE	2	
COLOUR		White
TEXTURE		Smooth
CONSISTENCY, ASTM D 217, worked penetration, mm/10	280	
DROPPING POINT, ASTM D 2265, deg. C.	300	

EXTREME PRESSURE / WEAR PERFORMANCE

TIMKEN OK LOAD, ASTM D 2509, Kg	27
4 BALL EP, ASTM D 2596, load wear index, Kgf.	62
- weld point, Kgf.	500
4 BALL WEAR, ASTM D 2266, scar diameter, mm (40 Kg, 1200 rpm, 75 deg. C, 1 hour).	0.38

LEAKAGE / SEPARATION CHARACTERISTICS

OIL SEPARATION, ASTM D 1742, mass %	0.2
WHEEL BEARING LEAKAGE, ASTM D 4290, grams.	4.0

CORROSION RESISTANCE

RUST TEST RATING, ASTM D 1743, rating.	Pass
SALT FOG, ASTM B 117, hours to failure, 1 mil d.f.t..	>300

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OXIDATION RESISTANCE

BEARING LIFE, ASTM D 3527, hours	120
BOMB OXIDATION, ASTM D 942, psi drop after 1000 hours.	9.0

MECHANICAL STABILITY

WORKED STABILITY, ASTM D 217, % change from baseline.	
-worked 100,000 strokes.	2.5
-worked 10,000 strokes, with 50/50 water mixture.	8.0
SHELL ROLL, ASTM D 1831, % change from baseline.	3.1

WATER PERFORMANCE

WATER WASH OUT, ASTM D 1264, 79 deg. C, % loss	3.5
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LOW TEMPERATURE PROPERTIES

LOW TEMPRATURE TORQUE, ASTM D 4693, At -40 deg. C, N.m..	10
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Available in all NLGI Grades to a minimum cone penetration of 240 mm/10 (Grade 3).
(Performance data may vary between grades).

PLEASE READ THE M.S.D.S. BEFORE USING THIS PRODUCT

Prepared by: Technical Department

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The data presented herein was accurate and obtained from the best information at the time of publication. Therefore, no legal liability is accepted by Maryn International Ltd. or any of its agents or affiliates, for the data, specifications or recommendations contained herein.

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