



ALITHICON 452000-FM FOOD MACHINERY BEARING LUBRICANT (NLGI-00)

THE ALITHICON 452000-FM FOOD MACHINERY BEARING LUBRICANT IS DESIGNED TO MEET TODAY'S DEMANDING REQUIREMENTS OF THE MODERN FOOD PROCESSING EQUIPMENT, WHICH OPERATES UNDER EXTREMELY HIGH TEMPERATURES, HEAVY LOADS, HIGH SPEED, AND WET CONDITIONS.

IT ALSO MEETS WITH THE FDA / USDA PURITY REQUIREMENTS WITH AN H-1 RATING FOR INCIDENTAL CONTACT WITH THE FOOD PRODUCTS BEING PROCESSED.

THE ALITHICON 452000-FM FOOD MACHINERY BEARING LUBRICANT IS FORMULATED TO PERFORM IN A SUPERIOR MANNER WITH THE FOLLOWING OUTSTANDING FEATURES: A BROAD OPERATING RANGE (-10° F TO 550° F), WATERPROOF, MECHANICAL STABILITY (RESISTANCE TO HARDENING OR SOFTENING IN SERVICE), RUST AND OXIDATION RESISTANCE, AND HEAT REVERSION CHARACTERISTICS OR REVERSABILITY (THE ABILITY TO MAINTAIN ITS ORIGINAL CONSISTENCY AFTER BEING HEATED AND COOLED REPEATEDLY).

WITH THE AVAILABILITY OF THE ALITHICON 452000-FM FOOD MACHINERY BEARING LUBRICANT, IT IS NOT NECESSARY TO SETTLE FOR SHORT BEARING LIFE, DECREASED PRODUCTION, AND EXCESSIVE EQUIPMENT REPAIRS JUST TO MEET WITH THESE USDA / FDA PURITY REQUIREMENTS.

USER BENEFITS:

- ◆ TOTALLY WATERPROOF
- ◆ WITHSTANDS HIGH TEMPERATURES OF UP TO 550° F
- ◆ PREVENTS RUSTING IN BEARINGS
- ◆ RATES AN O.K. TIMKEN LOAD OF 80 lbs, MIN.
- ◆ MEETS THE FDA / USDA REQUIREMENTS OF H-1 FOR PURITY
- ◆ TACKY - REDUCES LUBRICANT CONSUMPTION AS MUCH AS 300%
- ◆ EXTENDS BEARING LIFE AS MUCH AS 400%

CHECK THIS ALITHICON LUBRICANT FOR USDA APPROVAL, FOR USE IN FOOD PROCESSING PLANTS IN THE 2002 NSF WHITE BOOK (NSF INTERNATIONAL / NON-FOOD COMPOUNDS) AT

www.nsf.org/usda

APPLICATIONS:

ALL FOOD MACHINERY APPLICATIONS REQUIRING AND NLGI-00 LUBRICANT.
EXCELLENT LUBRICANT TO LUBRICATE COUPLINGS, WHICH OPERATE BETWEEN 1 - 5,000 R.P.M.'S.

**ALITHICON 452000-FM FOOD MACHINERY LUBRICANT
TYPICAL SPECIFICATIONS:**

SPECIFICATION	TEST RESULT
NLGI GRADE	00
WORKED PENETRATION, 60 STROKES (ASTM D-217)	410
DROPPING POINT, MINIMUM (ASTM D-566)	550
LUBRICATING OPERATING RANGE	-10° TO 550° F
TIMKEN O.K. LOAD, lbs, MINIMUM	80
ACID RESISTANCE	EXCELLENT
COLOR	SNOW WHITE
TEXTURE	SLIGHTLY TACKY
EVAPORATION LOSS @ 350° F, WT. % (ASTM D-2595)	0.9
USP SYNTHETIC HYDROCARBON BASE OIL VISCOSITY @ 40° C	100
BASE FLUID VISCOSITY INDEX	120

AVAILABLE PACKAGING:

- ◆ 35 lb PAILS
- ◆ 45 lb PAILS
- ◆ 120 lb KEG
- ◆ 420 lb DRUM
- ◆ BULK

452000-FM LUBRICANT COMPATIBILITY

<u>COMPATIBLE</u>	<u>INCOMPATIBLE</u>	<u>BORDERLINE</u>
CALCIUM 12-HYDROXY LITHIUM COMPLEX SILICA ALUMINUM COMPLEX	BARIUM COMPLEX CALCIUM STEARATE CALCIUM COMPLEX BENTONE / CLAY LITHIUM STEARATE LITHIUM 12-HYDROXY POLYUREA	CALCIUM SULFONATE COMPLEX