



ALITHICON M-888 SYNTHETIC HIGH TEMPERATURE BEARING LUBRICANT

THE **ALITHICON M-888 SYNTHETIC HIGH TEMPERATURE BEARING LUBRICANT** IS ONE OF A NEW GENERATION OF INDUSTRIAL BEARING LUBRICANTS, FORMULATED BY SOUTHEAST OIL & GREASE COMPANY TO MEET THE DEMANDS OF INDUSTRY WHERE A LONG LIFE WATERPROOF, OR A BEARING LUBRICANT WHICH WILL WITHSTANDS OPERATING TEMPERATURES OF UP TO 1,100° F IS REQUIRED.

THE **ALITHICON M-888 SYNTHETIC HIGH TEMPERATURE BEARING LUBRICANT** IS MOST RESISTANT TO METALWORKING FLUIDS, COOLANTS, WATER, AND CORROSIVES, AND IT WILL OUT-PERFORM LITHIUM, LITHIUM COMPLEX, AND ALUMINUM COMPLEX GREASES WITH A 700% LONGER LUBRICANT LIFE.

THE **ALITHICON M-888 LUBRICANT** IS VIRTUALLY WATER-PROOF.

THE **ALITHICON M-888 LUBRICANT DOES NOT CONTAIN ANY TEFLON OR PTFE.**

NOT ONLY DOES THE **ALITHICON M-888 LUBRICANT** RATE AN O.K. TIMKEN LOAD OF 90 lbs, MIN., IT IS EXCELLENT FOR USE TO LUBRICATE BEARINGS WHICH OPERATE FROM 0 RPM TO 10,000 RPM'S.

MEETS AND EXCEEDS MILITARY SPECIFICATIONS OF MIL-G-18709 AND MIL-G-18709 (AMEND 3)

USER BENEFITS:

- * VIRTUALLY WATERPROOF
- * EASY TO PUMP
- * WITHSTANDS TEMPERATURES OF UP TO 1,100° F
- * TIMKEN O.K. LOAD RATING, 90 lbs, MINIMUM
- * EXTENDS BEARING LIFE OF UP TO 500% LONGER
- * EXCELLENT FOR UNDER-WATER APPLICATIONS
- * MANUFACTURED UNDER ISO-9001 CERTIFIED SPECIFICATIONS
- * A LONG-LIFE LUBRICANT
- * WILL NOT HARDEN IN BEARINGS
- * ANTI-MICROBIAL
- * CONTAINS **NO** SILICONES

APPLICATIONS:

CONTENTIONS CASTER BEARINGS, PLANER MILL BEARINGS, STEAM CAN BEARINGS, GODET CYLINDER BEARINGS, LORRY CART BEARINGS, CONVEYOR BEARINGS, CALENDAR BEARINGS, HOMOGENIZING OVEN FAN BEARINGS, AGING OVEN FAN BEARINGS, ANNEALING OVEN FAN BEARINGS, PAPER MANUFACTURING WET END AND DRYER END BEARINGS AND SUCTION-ROLL BEARINGS, ELECTRIC MOTOR BEARINGS, REACTOR BEARINGS, SWEECO SCREEN BEARINGS, BLUNDGER BEARINGS, DENVER MILL BEARINGS, BUHLER ROTARY AIR LOCK BEARINGS, KRAFT CORRUGATOR BEARINGS, STEEL MILL PICKLING LINE ROLL BEARINGS, SCRUBBER FAN BEARINGS, FELLER BUNCHER HEAD-SAW BEARINGS, GLASS PLANT ANNEALING LEHR BEARINGS, AND MANY, MANY MORE.

ALITHICON M-888 SYNTHETIC HIGH TEMPERATURE BEARING LUBRICANT
TYPICAL SPECIFICATIONS

	<u>ASTM TEST</u>	<u>TEST RESULTS</u>
TEXTURE	N/A	SMOOTH / TACKY
COLOR	N/A	DARK GRAY
NLGI GRADE	D-217	2
PENETRATION 60 STROKES 10,000 STROKES	D-217	290 292
DROPPING POINT, ° F.	D-2265	650
TIMKEN O.K. LOAD, lbs., MIN.	D-2509	90
FOUR BALL E.P. TEST WELD, kg WEAR, mm	D-2596	621 0.22
COPPER STRIP SORROSION RATING	D-130	1 A
WATER WASHOUT @ 175° F., %	D-1264	0.65
WHEEL BEARING LEAKAGE, gr.	D-3527	0.15
ROLL STABILITY, % CHANGE	D-1831	+1.75
OIL SEPARATION, WEIGHT %	D-1742	0.05
LOW TEMP TORQUE-WHEEL BEARING, LOWEST OPERATIONAL TEMPERATURE	D-4693	-37° F
LOW DISPENSABLE / PUMPABLE	U.S. STEEL	

BASE FLUID INFORMATION

VISCOSITY @ 100° C., cst	11
VISCOSITY @ 40° C., cst	112
VISCOSITY @ 210° F., SUS	46
VISCOSITY @ 100° F., SUS	576
FLASH POINT, ° F. (ASTM D-92)	560
POUR POINT, ° F. (ASTM D-97)	-10
VISCOSITY INDEX (ASTM D-2270)	154

M-888 LUBRICANT COMPATIBILITY

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

AVAILABLE PACKAGING:

* 30 / 14.5 oz TUBES * 50 / 14.5 oz TUBES * 35 lb PLASTIC PAILS
* 120 lb KEGS * 420 lb DRUMS * BULK

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