



ALITHICON FM **FOOD MACHINERY GEAR OIL**

THE ALITHICON FOOD MACHINERY GEAR OILS ARE DESIGNED SPECIFICALLY TO LUBRICATE THE GEAR REDUCERS OF FOOD PROCESSING EQUIPMENT. THESE OILS MEET AND EXCEED F.D.A. REGULATION 21 CFR 178.35701 FOR LUBRICANTS HAVING INCIDENTAL CONTACT WITH FOOD, AND HAVE ALSO BEEN APPROVED AS H-1 LUBRICANTS FOR USE IN FOOD PLANTS UNDER THE JURISDICTION OF THE U.S.D.A.

THE ALITHICON FOOD MACHINERY GEAR OILS ARE A REMARKABLE VARIETY OF LUBRICANTS FORMULATED FOR APPLICATIONS WHERE SUPERIOR PERFORMANCE IS REQUIRED, BUT WHERE PURITY IS OF THE UTMOST IMPORTANCE.

THE ALITHICON FOOD MACHINERY GEAR OIL WILL NOT CREATE A PROBLEM WITH PLANT OR ANIMAL LIFE BY DAMAGING THE FOOD CHAIN, WHICH IS A CONCERN WHEN USING AN ENCLOSED GEAR LUBRICANT TO LUBRICATE GEAR DRIVES FOUND IN HYDRO LOCKS AND DAMS, AND MARINE EQUIPMENT.

USER BENEFITS:

- * WILL NOT MIX WITH WATER, MAKING IT POSSIBLE TO GREATLY EXTEND DRAIN INTERVALS, REDUCING LUBRICANT COSTS, AND REDUCING THE EXCESSIVE COSTS FOR THE DISPOSAL OF LARGE AMOUNTS OF USED OIL.
- * MEETS THE REQUIREMENTS OF THE USDA FOR THE CLASSIFICATION OF H-1 (LUBRICANTS HAVING INCIDENTAL CONTACT WITH FOOD).
- * EXHIBITS EXCELLENT LOAD CARRYING AND ANTI-WEAR CHARACTERISTICS.
- * NON-FOAMING IN SERVICE.
- * CONTAINS AN FDA / USDA APPROVED BROAD SPECTRUM BIOCIDES, ELIMINATING THE POSSIBILITY OF MAINTAINING AND TRANSFERRING BACTERIA, FUNGUS, OR OTHER MICROBIAL ORGANISMS.
- * PROTECTS AGAINST RUST IN ENCLOSED GEAR REDUCERS.
- * RATES AN O.K. TIMKEN LOAD OF 70 lbs MIN.
- * EXTENDS GEAR AND BEARING LIFE BY 300%.

THERE IS NO NEED TO SACRIFICE THE PERFORMANCE OF YOUR FOOD-PROCESSING MACHINERY, JUST TO MEET WITH USDA/FDA REQUIREMENTS, WHEN YOU HAVE THE ALITHICON FM FOOD MACHINERY ENCLOSED GEAR LUBRICANTS.

APPLICATIONS:

FOOD PROCESSING AND PACKAGING MACHINERY ENCLOSED GEAR DRIVES, HYDRO LOCK & AND DAM GEAR REDUCERS, POTABLE WATER PLANT GEAR DRIVES, EXPELLER GEAR DRIVES, ETC.

PLEASE SEE REVERSE SIDE FOR TECHNICAL SPECIFICATIONS

ALITHICON FM FOOD MACHINERY GEAR OIL

TYPICAL SPECIFICATIONS:

PRODUCT CODE	ASTM TEST METHOD	FM-G70	FM-G90	FM-G140
SAE VISCOSITY		80	90	140
COLOR		LIGHT BLUE	LIGHT BLUE	LIGHT BLUE
GRAVITY, ° API	D-287	30.7	29.8	29.3
FLASH POINT, COC ° F	D-92	422	397	331
POUR POINT, ° F	D-97	8	8	6
VISCOSITY - est @ 40° C	D-445	100	220	460
EMULSION CHARACTERISTICS (OIL - WATER - EMULSION) ml	D-401	0	0	0
RUST TEST	D-665	PASS (NO RUST)	PASS (NO RUST)	PASS (NO RUST)
OXIDATION STABILITY, HOURS	D-943	2,500	2,843	2,997
FOUR BALL WEAK, mm SCAR → 20 kg LOAD → 40 kg LOAD	D-226	0.12 0.16	0.11 0.15	0.10 0.13
TIMKEN O.K. LOAD, lbs MIN.	D-2782	70	70	70
VISCOSITY INDEX, MIN.	D-2270	110	110	110
ISO CLEANLINESS	DIS-4406	10 / 8	10 / 8	10 / 8

AVAILABLE PACKAGING:

- * 6 / 1 gal CASE
- * 45 lbs (6 gal) PAIL
- * 420 lbs (55 gal) DRUMS
- * 330 gal NON-RETURNABLE (DISPOSABLE) TOTES
- * BULK

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