

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-11387

MATERIAL SAFETY DATA SHEET

000376

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME TECH-LUBE CORP.		EMERGENCY TELEPHONE NO. SERV. 253 516 - 752-9000 400703-00
ADDRESS (Number, Street, City, State, and ZIP Code) 127 Cabot Street, West Babylon, New York 11704 SERV# 449289-01 - 603		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Gear Oil Ti40EP 60037 63T460	
CHEMICAL FAMILY Oil - Organic	FORMULA BANDSAW GEAR LUBE	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
This product is not classified as "hazardous material" in normal use as defined by the U.S. Dept. of Labor.		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	IBP (oil)	600°F	SPECIFIC GRAVITY (H ₂ O=1)	C.898 @ 15.5/15.5°C
VAPOR PRESSURE (mm Hg.)	5MM	20°C	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		1.0	EVAPORATION RATE (_____ %)	
SOLUBILITY IN WATER	negligible			
APPEARANCE AND ODOR	green liquid - odorless			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	closed cup 550°F	FLAMMABLE LIMITS	LM	UM
EXTINGUISHING MEDIA	foam, dry chemical, waterspray, water fog			
SPECIAL FIRE FIGHTING PROCEDURES	n/a			
UNUSUAL FIRE AND EXPLOSION HAZARDS	n/a			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE low order of toxicity and irritancy

EMERGENCY AND FIRST AID PROCEDURES if liquid contacts eyes, flush promptly with water until irritation subsides

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID avoid eye contact & prolonged or repeated skin contact - avoid breathing oil mists - wash thoroughly after handling
	STABLE	x	

INCOMPATIBILITY (Materials to avoid)

n/a

HAZARDOUS DECOMPOSITION PRODUCTS

n/a

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID keep away from heat & open flame - do not store near flame, heat or strong oxidants - keep container closed when not in use
	WILL NOT OCCUR	x	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Keep public away - shut off source if possible to do so without hazard - advise police if substance has entered a watercourse or sewer or has contaminated soil or vegetation.

WASTE DISPOSAL METHOD

Contain spilled liquid with sand or earth - recover free liquid by pumping or with suitable absorbent - incinerate in an approved manner or use approved land fill facility conforming to local disposal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) usually not needed

VENTILATION	LOCAL EXHAUST	SPECIAL	none
	MECHANICAL (General)	OTHER	none

not needed

PROTECTIVE GLOVES chemical resistant(neoprene or plastic)	EYE PROTECTION safety glasses
--	----------------------------------

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING keep container covered from excessive heat and/or oxidants

OTHER PRECAUTIONS

TECH-LUBE CORP.

T140EP

DATA SHEET

GEAR OIL

PRODUCT DESCRIPTION

TECH-LUBE GEAR OIL T140EP is a specially compounded molybdenum disulfide gear lubricant formulated to provide superior film strength. It is a true anti-friction, anti-wear, anti-foam gear oil and has the highest Timken O.K. Load. It can be used as a makeup and refill lubricant in spiral, bevel, herringbone, and hypoid rear axle service and will exceed all requirements of heavy duty worm gears. It is an excellent lubricant for heavy duty industrial transmissions and gear trains subject to high loads and impact loads.

TECH-LUBE GEAR OIL T140EP is engineered to:

- Provide excellent lubricant protection for 3X as long as conventional oils.
- Reduce power (energy) consumption by 5% - 25% measurable.
- Reduce downtime and replacement parts.
- Reduce frictional heat by as much as 25°F.
- Reduce leakage and DB noise levels.
- Eliminate water emulsions and moisture problems.
- Be compatible with all conventional gear lubricants.
- Operate over wide temperature range and reduce cold start problems.
- Help comply with OSHA requirements.
- Be used as a way lubricant for heavy duty service.

TECH-LUBE GEAR OIL T140EP exceeds the recommendations of the American Gear Manufacturers Association (AGMA) and is acceptable by major gear manufacturers for warranties.

TYPICAL SPECIFICATIONS

A.P.I. Gravity	23
Flash Point °F	570
Fire Point °F	610
Base Oil Viscosity SUS @100°F	2000
SUS @210°F	150
Pour Point °F	10
Solid Lubricant	MoS ₂
Timken O.K. Load lbs., Min.	75
Copper Strip @210°F, 3 Hrs.	NEG.
Viscosity Increase 325°F, 50 Hrs.	8.5% Max.
AGMA #	7 EP
I.S.O. Grade	460

FOR ORDER OR ADDITIONAL INFORMATION, PHONE OR WRITE:

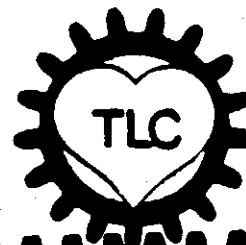
TECH-LUBE CORP.

127 CABOT STREET

WEST BABYLON, NEW YORK 11704

(516) 752-9000

(212) 527-6000



FOR LONGER LIFE, BETTER PERFORMANCE, DOLLAR SAVINGS, TREAT YOUR EQUIPMENT WITH