U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration

OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

DPM 36L

Fluid, Hydraulic, Petroleum Base

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

JAN 15 1982

SECTION I

Burman Castro 265-8075

MANUFACTURER'S NAME: ~~BRAY OIL~~ COMPANY	EMERGENCY TELEPHONE NO.: ~~(213) 268-6171 X-50~~ *(714) 660-9414
ADDRESS (Number, Street, City, State, and ZIP Code): 1925 No. Marianna Ave., Los Angeles, California 90032	
CHEMICAL NAME AND SYNONYMS: Hydraulic Fluid	TRADE NAME AND SYNONYMS: Brayco 756A/E
CHEMICAL FAMILY: Petroleum Oil & Additives	FORMULA:

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)
Tricresyl Phosphate	0.5	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	>500°	SPECIFIC GRAVITY (H_2O=1)	.872
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____=1)	N/A
SOLUBILITY IN WATER	Insol		

APPEARANCE AND ODOR: Red clear liquid, Petroleum odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

			Lel	Uel
FLASH POINT (Method used)	COC = 220°F	FLAMMABLE LIMITS		

EXTINGUISHING MEDIA: COC_2/foam, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Normal petroleum oil fire-fighting procedures.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

(Continued on reverse side)

Form OSHA-20
Rev. May 72

BOE-C6-0208778

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE This material is not expected to be a primary skin or eye irritant; however, avoid overexposure.

EMERGENCY AND FIRST AID PROCEDURES Skin - flush thoroughly with soap and water. Eyes - flush with water. Internal - induce vomiting; call a doctor.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)* N/A

HAZARDOUS DECOMPOSITION PRODUCTS N/A

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wash with water or solvent/water.

WASTE DISPOSAL METHOD Normal petroleum cleanup and disposal.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATOPY PROTECTION *(Specify type)* None

VENTILATION			
	LOCAL EXHAUST	N/A	SPECIAL
	MECHANICAL *(General)*	N/A	OTHER

PROTECTIVE GLOVES Plastic or Rubber

EYE PROTECTION Safety glasses recommended.

OTHER PROTECTIVE EQUIPMENT Barrier creams for individuals with sensitive skin.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Normal for petroleum lubricants.

OTHER PRECAUTIONS

mjr/np

"THE INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND IS ACCURATE TO THE BEST OF SELLER'S KNOWLEDGE, HOWEVER, SELLER MAKES NO WARRANTY WHATSOEVER, EXPRESSED, IMPLIED OR OF MERCHANTABILITY REGARDING THE ACCURACY OF SUCH DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. SELLER ASSUMES NO RESPONSIBILITY FOR INJURY TO BUYER OR TO THIRD PERSONS OR FOR ANY DAMAGE TO ANY PROPERTY AND BUYER ASSUMES ALL SUCH RISKS."

BRAY OIL COMPANY
1925 NORTH MARIANNA AVENUE
LOS ANGELES, CALIFORNIA 90032
(213) 268-6171

CABLE ADDRESS
BRAYOIL LOSANGELES

November 18, 1977

Mr. M. J. Veneroso,
Dept. C1-726 (52-11)
Materials Handling & Packaging Engineering
Douglas Aircraft Company
3855 Lakewood Boulevard
Long Beach, CA 90846

Dear Mr. Veneroso:

We received your letter requesting information on material regulations on our products. We are sending you Safety Data Sheets on the products. The only products that would be regulated are:

BRAYCOTE 103 - IATA Article No. 1939
Flash Point, Tag closed cup, 100°F — DPM 669

BRAYCOTE 137 - IATA Article No. 1939
Flash Point, Tag closed cup, 105° F — DPM 5573

If you need any further information, please contact us.

Yours very truly,

BRAY OIL COMPANY, INC.

Mike Slaby

Mike Slaby

MS:cmw

Encls.

DAC 25-2140 (12-73)

DPM/QPL REQUEST

DPM NO. 366
DMS QPL NO.
ISSUE NO.

NEW ☐ REV. ☒ DATE: 6-26-78 ENGINEER HOGAN

Fluid, Hydraulic, Petroleum - Base

GENERAL TITLE | SPEC. OR CLASS | ST. TEMP. | TOX. | FL. PT. | SHELF LIFE | LABEL

DAC CODE NO.

P.O. NOTES: P.O. TO SPECIFY

GEN. NOTES:

USED BY DPS: OK. 6.26.78-R

	MANUFACTURER'S NAME	CITY, STATE	MFR.'S DESIGNATION
1.	EXXON Co.	HOUSTON, Tx.	UNIVIS J-43
2.	ROYAL LUBRICANTS Co.	HANOVER, NJ	ROYCO 756
3.			
4.			
5.	Delete. Golden Bear Oil		Hydraulic Oil Code 566
6.			

LAB REPORT NO.

REASON FOR REQUEST: Esso changed their name to Exxon. Golden Bear Co. not listed on current QPL. City + State not previously listed for Royal.

SPECIFY CHANGE(S) MADE: Changed Esso Std Est." to Exxon Co., Deleted Golden Bear Co, and added City and State, i.e. Hanover, N.J., for Royal Lubricants Co.

~~COPIES TO:~~

CHANGE INFO.	REQ'D	COMPL.
DPM LIST	✓	✓
DMS QPL LIST		
MMS LIST		
ALPHABETICAL LIST		
NUM. VENDOR # LIST		
SPEC. CROSS INDEX	✓	✓

NO. 366

M Veneroso M L Gordon E J Klinger Mat'l Release M Russ 6-26-78

BOE-C6-0208781