

# **PROCESSING AND DEPROCESSING RECORD** **FOR SHIPMENT, STORAGE, AND ISSUE OF VEHICLES AND SPARE ENGINES**

Prepare this form in duplicate and secure one copy in place at location on vehicle (cannon tube, entry hatch, steering post, etc.) as prescribed in vehicle "Preparation for Shipment and Storage" specification or MIL-V-62038. Place other copy with the vehicle records.

Attach one copy of this form directly to "Spare" engine

**CAUTION:** Before operation, deprocess as prescribed in applicable technical manual (TM), and note precautions on the form.

NOMENCLATURE AND/OR NSN

2350 01-061-2445

MODEL M1

SERIAL NUMBER OF VEHICLE OR ENGINE

D-1145

MANUFACTURED BY

GENERAL DYNAMICS CORP

USA OR REGISTRATION NUMBER

JZ01RB

SPECIFICATION OR DAPO NUMBER USED TO PROCESS THIS VEHICLE OR ENGINE

SDX 10004 C

REPROCESSING CYCLE - DAYS (Ref. SB 740-98-1)

Drive Away

☐ LEVEL A

☐ LEVEL C

☒ LEVEL B

LUBRICATION ORDER NUMBER USED TO LUBRICATE THIS VEHICLE

10-9-2350-255-12

DATE OF LUBRICATION ORDER

April 30, 1981

## **INSTRUCTIONS**

At the time the item is filled with preservative oil "PE" a block ☐ is checked (✓) like this: PE-1 ☒ or PE-2 ☒. Preservative oil will be kept to operating level until first oil change. At the first oil change, drain and fill with operating oil "OE" as shown on vehicle lubrication order.

Vehicle may be operated in a temperature range different from that checked "✓" on this card. When this is necessary, assemblies will be drained and filled with proper grade lubricant, as shown on lubrication order. Lubricants will be applied in accordance with indicated temperatures.

			MATERIAL SPECIFICATION		
			GRADE	MIL SYMBOL	NATO SYMBOL
1	MAIN ENGINE CRANKCASE, AUXILIARY ENGINE, AND ENGINE OIL COOLER (Air Cooled Engines)	<input type="checkbox"/> OES (-60° TO 0°F.; -54° TO -18°C.) <input type="checkbox"/> PE-1 (-10° TO +40°F.; -23° TO +4°C.) <input type="checkbox"/> PE-2 (+32° TO +90°F.; 0° TO +32°C.) <input type="checkbox"/> PE-3 (+60° TO +115°F.; +16° TO +46°C.)	MIL L-21260 (Preservative Oil)		
	See Item #17		1.SAE10	PE-1	C 340
			2.SAE30	PE-2	C 342
			3.SAE50	PE-3	C 344
2	ENGINE AND AUXILIARY ENGINE (Liquid Cooled Engines)	<input type="checkbox"/> OES (-65° TO 0°F.; -54° TO -18°C.) <input type="checkbox"/> PE-1 (-10° TO +40°F.; -23° TO +4°C.) <input type="checkbox"/> PE-2 (+32° TO +115°F.; 0° TO +46°C.)	MIL L-2104 (Operating Oil)		
			SAE10	OE10	O 176
			SAE30	OE30	O 180
			SAE50	OE50	O 182
3	ENGINE AIR CLEANER	<input type="checkbox"/> OES (-65° TO 0°F.; -54° TO -18°C.) <input type="checkbox"/> PE-1 (-10° TO +40°F.; -23° TO +4°C.) <input type="checkbox"/> PE-2 (+32° TO +115°F.; 0° TO +46°C.)	MIL L-10295 (Arctic Operating Oil)		
				OES	O 183
4	TRANSMISSION (Combat)	<input type="checkbox"/> OES (-65° TO 0°F.; -54° TO -18°C.) <input checked="" type="checkbox"/> PE-1 (-10° TO +115°F.; -23° TO +46°C.)	MIL L-2105 (Universal Gear Lubricant)		
	SAE-30		75	GO75	O 186
	MIL-L-21260		90	GO90	O 184
5	FINAL DRIVE (Combat)	<input type="checkbox"/> OES (-65° TO 0°F.; -54° TO -18°C.) <input checked="" type="checkbox"/> PE-2 (-10° TO +40°F.; -23° TO +4°C.) <input type="checkbox"/> PE-3 (+32° TO +115°F.; 0° TO +46°C.)	MIL G-10324 (Subzero Gear Lubricant)		
				GOS	O 188
6	TRANSFER CASE, TRANSMISSION, STEERING GEAR, DIFFERENTIAL (Front and Rear) WINCH WORM GEAR, DRUM AND SHAFT CASE	<input type="checkbox"/> GOS (-65° TO 0°F.; -54° TO -18°C.) <input type="checkbox"/> GO80 (-10° TO +40°F.; -23° TO +4°C.) <input type="checkbox"/> GO76 <input type="checkbox"/> GO90 (+32° TO +115°F.; 0° TO +46°C.)	COOLING SYSTEM (For Operation Above Freezing)		
			DRAIN AND FILL WITH WATER. ADD CORROSION INHIBITOR 0-1 490 (6850-281 1989) 5 OUNCES DISSOLVED IN WARM WATER FOR EACH 10 QUARTS COOLING SYSTEM CAPACITY		
7	COOLING SYSTEM	<input type="checkbox"/> ARTIC GRADE (-90° TO 0°F.; -68° TO -18°C.) ANTIFREEZE (MIL-C 11755) <input type="checkbox"/> 50% ANTIFREEZE AND WATER SOLUTION (For shipment, storage, and operation) MIL-A 46183			

**ENGINE DEPROCESSING - GASOLINE ENGINES NOT REPROCESSED WITHIN THE PERIOD ESTABLISHED AS SHOWN IN "REPROCESSING CYCLE" BLOCK ABOVE, SHALL BE SERVICED PRIOR TO USE AS FOLLOWS (Exception - spare engines packed METHOD III):**

1. Remove spark plug from each cylinder.
2. Atomize spray\* 2 ounces of lubricating oil, preservative, VV-L-800, into each cylinder through the spark plug opening.

3. After an interval of 15 minutes, rotate engine with starter for 30 seconds, and re-install spark plugs.

\*Use oil gun, pneumatic, curved rigid neck, 32-ounce capacity, 4920-222-2975. This is in the No. 1 common tool kit

# INSTRUCTIONS

"Processing Completed" will be indicated by a check (✓) placed at the end of each line after completing the operation. The form will be signed by the person responsible for processing this vehicle or spare engine. Blank spaces are provided for additional operations that may have been omitted for peculiar vehicle application.

Deprocessing to be done before issuing vehicles is shown in this column. As each item is deprocessed, place a check (✓) at the end of the line. This form will be signed by the person responsible for deprocessing this vehicle or spare engine.

NOTE: This form to be retained until first "Q" Service.

PROCESSING COMPLETED		DEPROCESSING COMPLETED	
1	BELTS TENSION RELEASED	1	BELTS TENSION ADJUSTED
2	ENGINE OPENINGS (Exhaust intake, breathers, etc.) SEALED	2	ENGINE OPENINGS SEALING MATERIAL REMOVED FROM OPENINGS
3	ELECTRICAL COMPONENTS (Generator, starter, etc.) OPENINGS SEALED	3	ELECTRICAL COMPONENTS SEALING MATERIAL REMOVED FROM OPENINGS
4	BATTERIES <del>REMOVED OR DISCONNECTED</del> <i>re-installed</i> ✓	4	BATTERIES INSTALL, CHARGE, OR SERVICE IF NECESSARY. POST AND CONNECTORS CLEANED AND RECONNECTED
5	CLUTCH	5	CLUTCH
	DISC TYPE PEDAL DEPRESSED AND SECURED FLYWHEEL HOUSING DRAIN PLUG REMOVED		PEDAL RELEASED REINSTALLED
6	BRAKES, AIR	6	BRAKES, AIR
	AIR RESERVOIR DRAIN VALVES OPENED EXHAUST PORTS OF RELAY VALVES PLUGGED AND TAPED		CLOSE VALVES BEFORE OPERATING VEHICLE REMOVE TAPE AND PLUGS BEFORE OPERATING VEHICLE
7	BRAKES, ELECTRIC OPENINGS AND VENTS OF ELECTRICAL ITEMS TAPED	7	BRAKES, ELECTRIC - REMOVE TAPE BEFORE OPERATING VEHICLE
8	BRAKES, HYDRAULIC SYSTEM FILLED WITH OPERATING FLUID ✓	8	BRAKES, HYDRAULIC - CHECK FLUID LEVEL AND EXERCISE BRAKES TO ASSURE BRAKING OPERATION. FOR EXTREME COLD WEATHER OPERATION - DRAIN AND FILL WITH (HSA) MIL-H-13910.
9	FUEL TANKS PROCESSED WITH PE <i>(NOT) VVB 680</i> <i>40 GAL AIR</i> ✓	9	FUEL TANKS TANKS FILLED WITH FUEL
10	DRAIN VALVES HULL OPENED ✓	10	DRAIN VALVES - CLOSE BEFORE OPERATING VEHICLE
11	ACCESS PLATES AND GASKETS REMOVED ✓	11	SCREENS REMOVED
	SCREENS INSTALLED ✓		ACCESS PLATES AND GASKETS - INSTALLED
12	TIRES INFLATED 10 POUNDS OVER OPERATING PRESSURE	12	TIRES - DEFLATED TO OPERATING PRESSURE
13	CHASSIS ITEMS OTHER THAN SHOWN ON OTHER SIDE ✓ <i>MIL-G-10924</i>	13	CHASSIS - LUBRICATED - REGARDLESS OF INTERVAL SINCE LAST LUBRICATION
14	ARMAMENT AND ARTILLERY ✓	14	ARMAMENT AND ARTILLERY - CLEANED, INSPECTED AND SERVICED IN ACCORDANCE WITH APPLICABLE TM'S
15	FIRE CONTROL ITEMS ✓	15	FIRE CONTROL ITEMS - CLEANED, INSPECTED AND SERVICED IN ACCORDANCE WITH APPLICABLE TM'S
16	SIGNAL CORPS ITEMS ✓ <i>AN/VRS-12 AN/VIC-1</i>	16	SIGNAL CORPS ITEMS - CLEANED, INSPECTED AND SERVICED IN ACCORDANCE WITH APPLICABLE TM'S
17	MAIN ENG CRANK CASE ✓ <i>MIL-L-23699</i>		
	<i>SAE-30</i> ✓		

PROCESSED BY (Name)

ACTIVITY OR INSTALLATION

DATE

*Joseph M. Mil*

*General Dynamics*

*8-9-83*

DEPROCESSED IN ACCORDANCE WITH EQUIPMENT TM NUMBER

DATED

DEPROCESSED BY (Name and title)

ORGANIZATION

DATE