

Section VII. Technical Specifications

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**STATEMENT OF COMPLIANCE
TO TECHNICAL SPECIFICATIONS**

Bidders must state in the last column opposite each parameter and required specifications either “Comply” or “Not Comply”(See Section VIII sample form for Specifications). All pages must be properly signed. Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB** and/or **GCC**.

**CLARIFICATION AND SETTLEMENT OF CONFLICTING INTERPRETATION
OF THE TECHNICAL SPECIFICATIONS**

All clarifications regarding the technical specifications stipulated in this section will be clarified by the DND Technical Team. In cases of conflicting interpretations, the nature and purpose of the equipment will be the basis of interpretation. The main basis for technical specifications and requirements is the nature and purpose and its intended use.

Supply and Delivery of DND-Wide POL Requirements for CY 2018

Section VII. Technical Specifications

LOT 2: OIL & LUBRICANT SPECIFICATIONS

PRODUCTS	VISCOSITY LEVEL	QUALITY LEVEL/GRADE (MIN)	APPLICATIONS	PACKAGING
AUTOMOTIVE ENGINE OILS				
MARINE GRADE TBN 40	SAE 40	API CD	OCEAN VESSELS COASTAL & RIVER SHIPS	Drum
SAE 5W 40	SAE 5W 40	API CJ-4 / SM	GROUND VEHICLES	Liter, Pail, Drum
SAE 5W 40 (Fully Synthetic)	SAE 5W 40	API SN / API CJ-4/SM	GROUND VEHICLES	Liter, Pail, Drum
SAE 10	SAE 10	API CC/SD	GROUND VEHICLES	Liter, Pail, Drum
SAE 10W	SAE 10W	API CF/SF	GROUND VEHICLES	Liter, Pail, Drum
SAE 10W 40	SAE 10W 40	API SL	GROUND VEHICLES	Liter, Pail, Drum
SAE 15W 40	SAE 15W 40	API CI-4	GROUND VEHICLES	Liter, Pail, Drum
SAE 20W 40	SAE 20W 40	API SF/CF	GROUND VEHICLES	Liter, Pail, Drum
SAE 20W 50	SAE 20W 50	API SL	GROUND VEHICLES	Liter, Pail, Drum
SAE 30/40	SAE 30/40	API CC/SD	GROUND VEHICLES	Liter, Pail, Drum
RRX 40	SAE 40	API CD	GROUND VEHICLES	Liter, Pail, Drum
MOTORCYCLE OILS				
4T	SAE 20W 50/10W-40	JASO MA	FOUR STROKE MOTOR	50ml, Liter
2T	SAE 30/10W-40	JASO FB+, API TC	TWO STROKE MOTOR	50ml, Liter
2T TCW			TWO STROKE MOTOR	
20/40 2T			TWO STROKE MOTOR	
HYDRAULIC OILS				
AW 10			MACHINERIES AND SHIPS	Pail, Drum
AW 32			MACHINERIES	Pail, Drum
AW 46			MACHINERIES	Pail, Drum
AW 68			MACHINERIES	Pail, Drum
GEAR OIL & TRANSMISSION FLUID				
SAE 90/140	SAE 90/140	GL-4/MIL-L-2105	GROUND VEHICLES	Liter, Pail
SAE 220				
SAE 85W 140	SAE 85W 140	GL-5/MIL-L-2105D	GROUND VEHICLES	Liter, Pail
AUTO XMSN FLUID	SAE 20		AUTO XMSN VEHICLE	Liter
BRAKE FLUID		DOT 3	GROUND VEHICLES	250ml, Liter, Pail
GROUND LUBRICANTS				
GREASE MP3		NLGI #3	MULTI PURPOSE	Pail
COOLANT			GROUND VEHICLES/GENERATORS	500ml, Pail
PENETRATING OIL			For Cars, trucks and Tools	450ml, Drum
AVIATION/MARINE OIL AND LUBRICANTS				
GREASE HI-TEMP		MIL-PRF-1617	AVIATION GREASE	Pail
OIL ELITE 20W 50		SAE -J-1899 MIL-L-22851D	RECIP ENGINE	Quarts, Drum
OIL 2380		MIL-23699	TURBINE ENGINE	Quarts, Liter, Drum
OIL 5606	FH51	MIL-PRF-5606H	ACFT HYDRAULIC SYS	Quarts, Liter, Drum
TURBO OIL 274		DEF STAN91-98 Spec Turbine Engine Lubricating Oil	TURBINE ENGINE	Quarts, Liter, Drum
MINERAL OIL W100 SAE 50	SAE 50	SAE 50 MIL-L-22851D	TURBINE ENGINE	Quarts
MINERAL OIL SAE J1966	SAE J1966	SAE J1966 Formerly MIL-L-6082	TURBINE ENGINE	Quarts

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Section VII. Technical Specifications

GREASE MIL-G-81322 NO. 22	MIL-G-81322 NO. 22	MIL-G-81322 NO. 22	AVIATION GREASE	Can
MIL-PRF-83282		MIL-PRF-83282		Quart
MIL-G-21164/MIL-G-21164D		MIL-G-21164/ MIL-G-21164D		Gallon
MIL-PRF--23827C		MIL-PRF-23827C		Gallon
MIL-PRF-81322G		MIL-PRF-81322G		Gallon
MIL-G-21164		MIL-G-21164		Gallon
MIL-G-3545C		MIL-G-3545C		Pail
GREASE MIL-G-21164		GREASE MIL-G-21164		Gallon
MIL-PRF-23827C		MIL-PRF-23827C		Gallon
MIL-L-22851		MIL-L-22851		Quart
MIL-PRF-81322G		MIL-PRF-81322G		Gallon
MIL-G-24139A		MIL-G-24139A		Gallon
MIL-PRF-87257A		MIL-PRF-87257A		Quart
MIL-PRF-23699F		MIL-PRF-23699F		Quart
MIL-L-23398B		MIL-L-23398B		Liter
VVP-236A		VVP-236A		Can

SPECIALTY PRODUCTS

PRODUCT	APPLICATION
Penetrating Oil	Low Surface Tension Penetrant Ideal for freeing nuts, bolts, screws, studs, pins, valves, machine parts, pipe couplings and pulleys. Can also be used for cleaning rusted surfaces of moulds, dies and heavy tools and for softening or removing carbon deposits.
Engine Flush	For flushing and cleaning engines of cars, jeepneys, trucks and heavy equipment prior to an oil change.
Oil Improver	For extra protection of car, jeepney and truck engines with average lubrication performance ratings.
Engine Degreaser	For engines motor parts, driveways, floors and lube bays
Gas Saver	For gasoline powered vehicles.
Diesel Booster	For diesel cars, trucks and heavy equipment.

JET FUEL NO. 8 (JP8) ADDITIVES			
PRODUCTS	MILITARY STANDARD	NSN	MANUFACTURE
Icing Inhibitor	MIL-I-27686 (MIL-I-85470)	6850-01-089-5514	DIEGME
Corrosion Inhibitor (Lubricity Improver)	MIL-I-25017	6850-01-180-1074	SAIC (Science Applications International Corporation)
Static Charge Dissipator	-	6850-01-097-2060	STADIS 450

PACKAGING:

Standard Drums: Lubes: 200 liters (MIN), JP8 Additive: 55 gallons
 Pails: Grease: 16-18kg, Oil: 18-20 Liters
 Can: JP8 Additives: 1 gallon