Operator's Manual

TB60

diesel – gasoline – LPG



Snorkel

P/N 0082168
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OmniQuip Snorkel INTERNATIONAL

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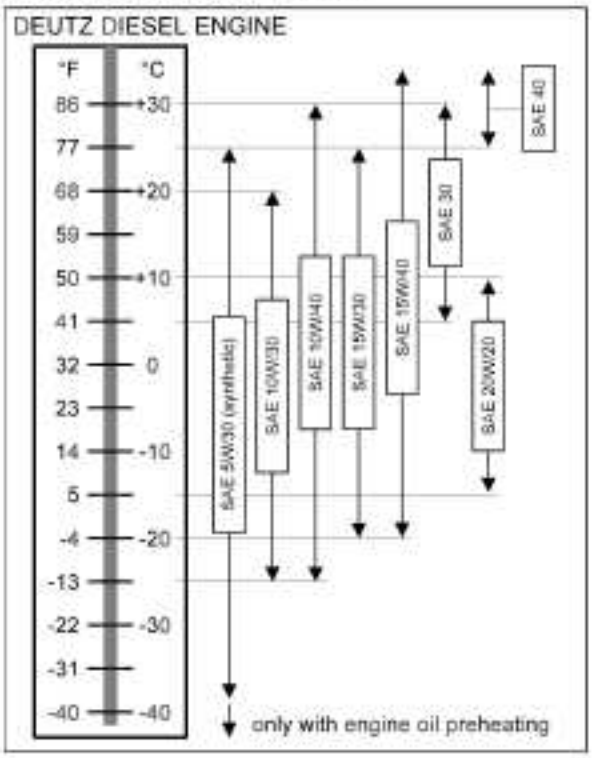
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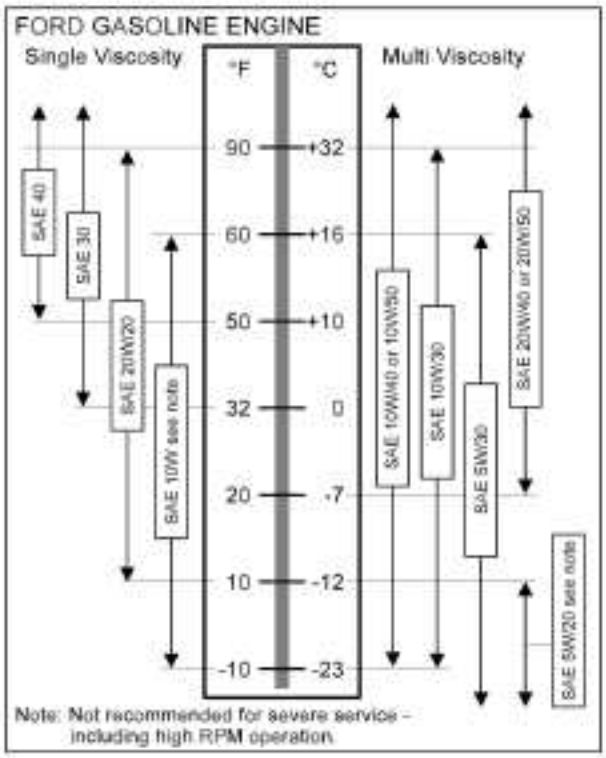
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■ ENGINE DATA

ENGINE MAKE	DEUTZ	FORD (gasoline)	FORD (LPG)
MODEL	F4L-1011F	LRG-423	
COOLANT	air	50% water + 50% ethylene glycol	
FUEL	diesel	gasoline	LPG (liquefied petroleum gas)
FUEL GRADE	DIN 51 601. BS 2869: A1 and A2. ASTM D 975-81: 1-D and 2-D. W-F-800C: DF-A, DF-1, and DF-2.	leaded or unleaded 83 octane (motor method).	HD5 Gas Processors Association Standard 2140. Category: special duty propane.
OPERATING TEMPERATURE	172°F - 203°F (78°C - 95°C)	160°F - 190°F (71°C - 88°C)	
OIL SUMP CAPACITY	10.5 qt USA (10 liters)	4 qt USA (3.8 liters)	
OIL FILTER CAPACITY	0.5 qt USA (0.5 liters)	1 qt USA (0.95 liters)	
OIL GRADE	API: CC/SE CC/SF CD/SE CD/SF CE/SF CE/SG	API: SH or SG	
OIL WEIGHT	see chart below	see chart below	
RUNNING TIME (one tank fuel)	Any tank of fuel (regardless of whether it is LPG, gasoline, or diesel) will last an entire eight hour shift, under normal working conditions.		

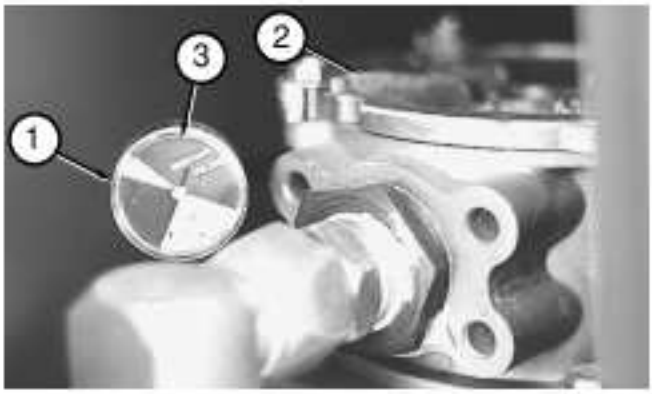
■ ENGINE OIL CHARTS





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❑ Hydraulic Oil Filter

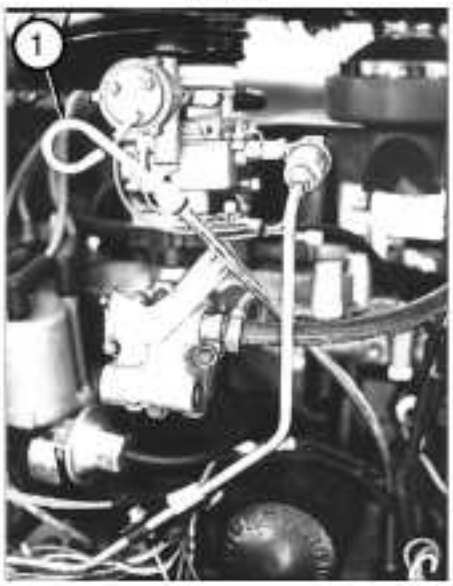


The hydraulic-oil filter gauge (1) is located at the hydraulic-oil filter (2) input on top of the hydraulic oil tank. The gauge measures pressure into the filter. As the filter clogs, the pressure goes up.

The hydraulic oil filter gauge should only be read by qualified trained maintenance personnel. An accurate reading requires very special conditions and should not be attempted by operators.

❑ Engine Oil

FORD

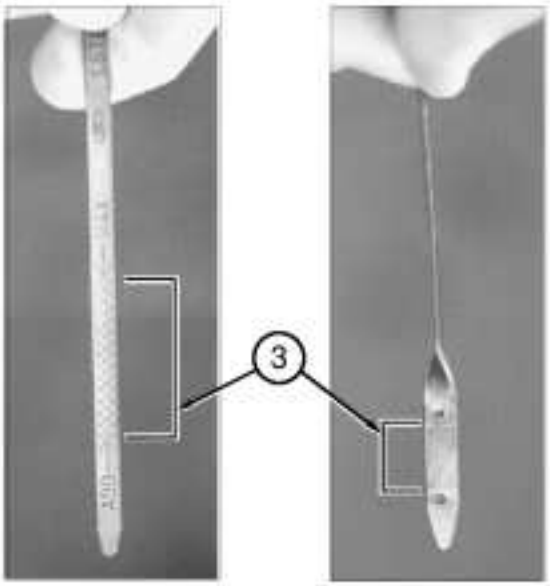


DEUTZ



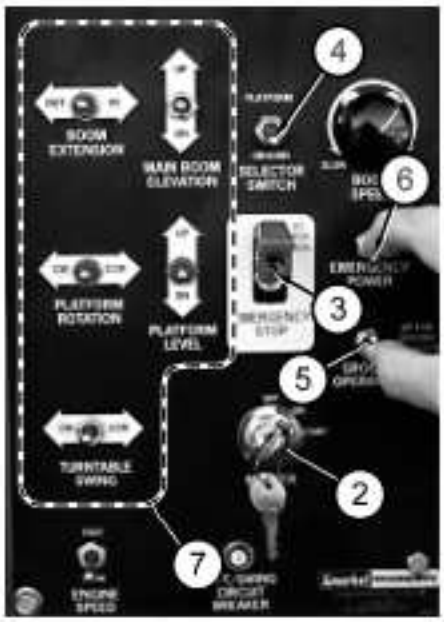
Engine oil level is measured with a dipstick (1) (2). Oil sump and oil filter capacities given in the "SPECIFICATIONS" chapter are approximate. True values may vary from machine to machine due to slight variations or modifications during production. The oil dipstick is the only way to accurately gauge if the engine oil level is correct

FORD DEUTZ



Engine oil level should always be in the cross-hatched area (3) of the dipstick — never above nor below it.

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2. Set the **MASTER** switch (2) to ON.

3. Set the **EMERGENCY STOP** switch (3) to UP FOR RUN.

4. Set the **SELECTOR SWITCH** (4) to GROUND.

5. Push and continue to hold the **GROUND OPERATION** switch (5) up.

6. Push and hold a platform-moving switch (7) the way you want the platform to move.

7. Push and continue to hold the **EMERGENCY POWER** switch (6) down.

8. When the platform is safely retrieved, release the switches and turn the **MASTER** switch (2) to OFF.

❑ Used From the Platform-Control Box

For **EMERGENCY POWER** to be used from the platform-control box, certain switch settings must exist at the ground-control panel and in the battery compartment. The switch settings are:



1. **BATTERY** switch (1) must be ON.

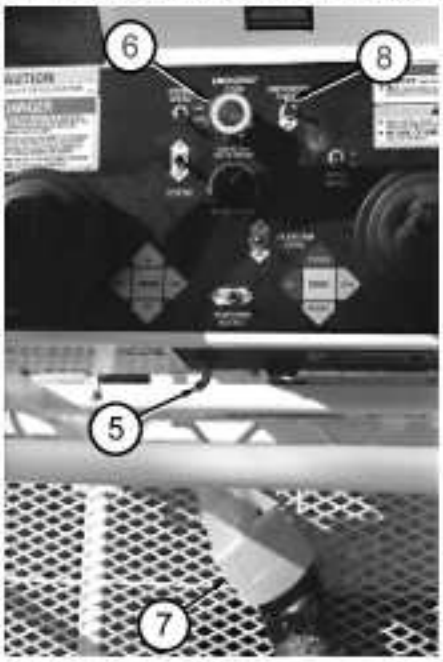


2. **MASTER** switch (2) must be ON.

3. **EMERGENCY STOP** (3) must be UP FOR RUN.

4. **SELECTOR SWITCH** (4) must be set to PLATFORM.

EMERGENCY POWER can now be used from the platform-control box by doing the following:



5. Set the **ANTI-RESTART MASTER SWITCH** (5) to ON.

6. Pull **EMERGENCY STOP** (6) up.

7. Step on the foot switch (7).

8. Push and hold a switch or controller (on top of the platform-control box) the way you want the platform to move.

9. Push and continue to hold **EMERGENCY POWER** (8) to ON.

10. When the platform is safely retrieved, set the **MASTER** switch (2) to OFF.

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(Tow option only)

DANGER

A "RUNAWAY" SNORKELIFT CAN CAUSE **DEATH** OR SERIOUS INJURY. CHECK WITH TOW VEHICLE MANUFACTURER OR MANUFACTURER'S LITERATURE TO SEE THAT TOW VEHICLE CAN SAFELY TOW AND STOP TOTAL WEIGHT OF SNORKELIFT ON THE STEEPEST GRADE YOU WILL ENCOUNTER. REMEMBER, SNORKELIFT DOES NOT HAVE BRAKES WHEN IT IS TOWED.

BE CERTAIN TOW VEHICLE BRAKES ARE SET AND TOW BAR IS CONNECTED TO BOTH TOW VEHICLE AND SNORKELIFT BEFORE YOU TURN SNORKELIFT DISCONNECT-PLATES OVER.

AT THE END OF THE TOW, BEFORE YOU DISCONNECT THE SNORKELIFT FROM THE TOWING VEHICLE, TURN THE DISCONNECT-PLATES BACK OVER SO THE NIPPLES ARE OUT. THAT WILL PREVENT THE MACHINE FROM ROLLING WHEN YOU DISCONNECT IT FROM THE TOW VEHICLE.

DO NOT EXCEED 10 MPH (16 KM/HR) WHEN TOWING. AVOID SHARP TURNS.

Snorkelift

MODEL NO. _____ SERIAL NO. _____

UNRESTRICTED PLATFORM CAPACITY UNIT ON FIRM AND LEVEL SURFACE BOOM IN ANY POSITION ..... _____ LBS. KG

PLATFORM REACH - MAXIMUM ..... _____ FT. M

PLATFORM HEIGHT - MAXIMUM ..... _____ FT. M

CAUTION

PROPER STABILITY OF UNIT IS BASED ON FOLLOWING.

PLATFORM SIZE. ..... _____

AXLE WEIGHTS WITH UNIT IN STOWED-TRAVEL POSITION.

STEER AXLE .... _____ LBS.

DRIVE AXLE .... _____ LBS.

DO NOT REMOVE ANY WEIGHT FROM UNIT.
ANY WEIGHT ADDED TO UNIT MUST BE DISTRIBUTED EQUALLY ON EACH AXLE.

Snorkel ST JOSEPH, MISSOURI U.S.A.

(LPG option only)

CAUTION

THIS MACHINE IS EQUIPPED WITH

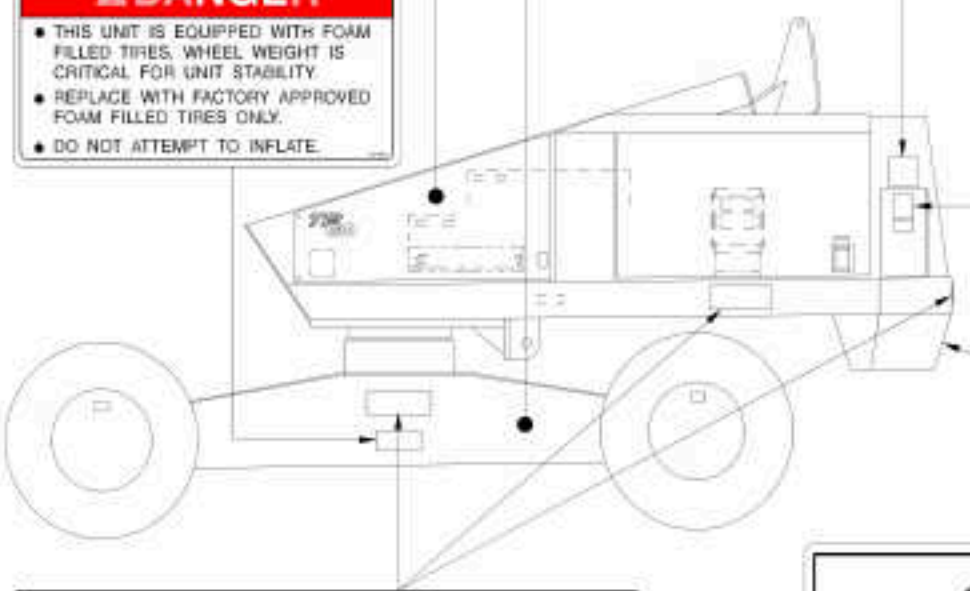
LIQUID WITHDRAWAL

L.P. GAS SYSTEM

- LIQUID OR VAPOR WITHDRAWAL L.P.-GAS CYLINDER MAY BE USED.
- ALWAYS KEEP L.P.-GAS CYLINDER SHUT-OFF VALVE CLOSED WHEN NOT USING L.P.-GAS SYSTEM.

DANGER

- THIS UNIT IS EQUIPPED WITH FOAM FILLED TIRES. WHEEL WEIGHT IS CRITICAL FOR UNIT STABILITY.
- REPLACE WITH FACTORY APPROVED FOAM FILLED TIRES ONLY.
- DO NOT ATTEMPT TO INFLATE.



DANGER

YOU MUST NOT OPERATE THIS DEVICE UNLESS

DANGER

ELECTROCUTION HAZARD

KEEP CLEAR

DEATH OR SERIOUS INJURY CAN RESULT FROM CONTACT WITH THIS EQUIPMENT OR VEHICLE IF IT SHOULD BE ELECTRICALLY CHARGED.





DANGER

CRUSHING HAZARD

DEATH OR SERIOUS INJURY CAN RESULT FROM BEING CRUSHED BETWEEN COUNTERWEIGHT AND TOW VEHICLE.
DO NOT ATTEMPT TO ATTACH TOW BAR TO TOW VEHICLE UNLESS SNORKELIFT COUNTERWEIGHT IS TO SIDE OF CHASSIS.

(Tow option only)

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