



LINE	SYMBOL	LEGEND
2,4,6,8,9,10,14	∅	ENGINE GROUND
2	A	AMMETER
3	BAT	BATTERY
14	BC	BATTERY CHARGER
3,5,7	CB	CIRCUIT BREAKER
9	D	DIODE
4	DOCS1	DOC SWITCH 1
4	DOCS2	DOC SWITCH 2
3	ENCS	ENGINE CAMSHAFT SENSOR
2	ENC1	ENGINE COOLANT TEMP
2	ENC1	ENGINE CONTROL UNIT
4	ENFCV	ENGINE FUEL CONTROL VALVE
5	ENFRP	ENGINE FUEL RAIL PRESSURE
1	ENGR	ENGINE RELAY
9	ENIN1	ENGINE FUEL INJECTOR 1
10	ENIN2	ENGINE FUEL INJECTOR 2
10	ENIN3	ENGINE FUEL INJECTOR 3
11	ENIN4	ENGINE FUEL INJECTOR 4
7	ENSR	ENGINE SPEED RELAY
2	ENSSN	ENGINE SPEED SENSOR
4	ESL	ENGINE SERVICE LIGHT
4,5,6	F	FUSE
8	FHT	FUEL HEATER, INTEGRATED
7	FFR	FUEL PUMP
6	FFR	FUEL PUMP RELAY
8	GP	GLOW PLUG
7	GPR	GLOW PLUG RELAY
5	IGN	IGNITION SWITCH
2,3,9,10	KSP	KUBOTA SERVICE PORT
12	LOP	LOW OIL PRESSURE SWITCH
9	OPG	OIL PRESSURE GAUGE
9	OPG	OIL PRESSURE SENSOR
3	R	RESISTOR
4	SM	STARTER MOTOR
3,6	SS	STARTER SOLENOID
4	SSR	STARTER SOLENOID RELAY
11	TT	TIME METER
11	VC	VOLTAGE CONTROLLER
10	WTC	WATER TEMP GAUGE
10	WTS	WATER TEMP SENSOR

FUEL SPECIFICATION

WINTER DIESEL NO. 1
 SUMMER DIESEL NO. 2
 CETANE NO.: F41
 (IGNITION QUALITY)

LUBE OIL SPECIFICATIONS

ANY BRAND OF OIL THAT MEETS OR EXCEEDS API CLASS STANDARD CK-4 MAY BE USED.

TEMPERATURE RANGE SAE VISCOSITY DESIGNATION

0°F to 45°F (-18°C to 7°C) 10W30
 45°F/7°C AND ABOVE 10W30 OR 15W40

INSTRUCTIONS FOR BLEEDING FUEL SYSTEM

WHEN CHANGING FUEL FILTER, OPENING FUEL LINES FOR ANY REASON, OR IF SYSTEM HAS BEEN EMPTIED OF FUEL, PROCEED AS FOLLOWS:

- CHECK FUEL TANK FOR ADEQUATE FUEL.
- CHECK TIGHTNESS OF ALL FUEL AND FILTER CONNECTIONS.
- OPERATE HAND PRIMER PUMP UNTIL PRESSURE INCREASES.
- START ENGINE.
 IF ENGINE DOES NOT START, REFER TO MAINTENANCE MANUAL.