

**VESSEL INFORMATION**

BARGE NAME	<b>GBL 2230</b>	OFFICIAL NUMBER	<b>1222611</b>
FORMER NAME		HULL TYPE / CLASS	<b>TYPE II, DOUBLE SKIN</b>
OWNED BY	<b>GOLDING BARGE</b>	OPERATED BY	<b>GOLDING BARGE LINE</b>
GROSS TONS	<b>1619</b>	NET TONS	<b>1295</b>
VESSEL TYPE	<b>DOUBLE SKIN T/B</b>	TANK DESIGN PRES.	<b>3 PSI</b>
PLACE BUILT	<b>Ashland City, Tn</b>	DATE BUILT	<b>11/12/2009</b>
BOW CONFIG	<b>70° RAKE LEAD PIECE</b>	STERN CONFIG	<b>SQUARE END/ NO PINS</b>

**VESSEL DESCRIPTION**

LENGTH	<b>297.5'</b>	WIDTH	<b>54'</b>
DEPTH	<b>12'</b>	HIGHEST FIXED POINT	<b>19.5'</b>
NUMBER OF TANKS	<b>6</b>	TANK ARRANGEMENT	<b>1 – 3, PORT AND STBD</b>
BBL CAPACITY	<b>29,217</b>	DEADWEIGHT TONS	<b>816.9 TONS</b>
TANK MATERIAL	<b>CARBON STEEL</b>	TANK LINING	<b>NONE</b>
LT DRAFT BOW	<b>1.75'</b>	LT DRAFT STERN	<b>1.25'</b>

**DECK FITTINGS**

WINCHES FWD	<b>2 – PATTERSON 40T</b>	WINCHES AFT	<b>2 – PATTERSON 40T</b>
VOID COATINGS	<b>ROYAL VOID COAT</b>	LOCKING PINS	<b>NONE</b>
HOSE BOOMS	<b>NONE</b>	SPILL RAILS	<b>YES, 4"</b>

**CARGO SYSTEM INFORMATION**

PIPING CLASS	<b>TYPE II</b>	PIPING MATERIAL	<b>CARBON STEEL</b>
CARGO ISOLATION	<b>SINGLE BHD, 2 VALVE</b>	POSITIVE PROTECTION	<b>NO</b>
HEADER SIZE	<b>8"</b>	VALVE SIZE	<b>8"</b>
VALVE TRIM	<b>STAINLESS/CR13</b>	VALVE TYPE	<b>RS/NRS GATE</b>
HAMER / SPECTICAL	<b>NONE</b>	SALVAGE VALVE	<b>YES</b>
SALVAGE DISC SIDE	<b>YES, STBD</b>	DUMMY HEADER SIZE	<b>8"</b>
HEADER LOCATION	<b>AFT, 8' FWD OF STERN</b>		

**PUMP INFORMATION**

PUMP MFG	<b>BYRON JACKSON</b>	PUMP TYPE	<b>12LS/16GH</b>
PUMP MATERIAL	<b>IRON / SS / CARBON</b>	PUMP RATE	<b>4200 BPH</b>

**ENGINE INFORMATION**

ENGINE TYPE	<b>TIER II CUMMINS</b>	ENGINE MODEL	<b>6CTA 8.3</b>
STARTER TYPE	<b>HYDRAULIC</b>	ENGINE SERIAL NUMBER	<b>NA</b>

**VAPOR PIPING SYSTEM INFORMATION**

VAPOR PIPING CLASS	<b>TYPE II</b>	MATERIAL	<b>CARBON STEEL</b>
POSITIVE ISOLATION	<b>NO</b>	PIPING SIZE	<b>8"</b>
VALVE TYPE	<b>8" GATE</b>	HEADER LOCATION	<b>API STD 3' FWD OF LOAD</b>
API STANDARD ARGMT	<b>YES</b>	VAPOR DUMMY	<b>NO – HAS ISOLATION</b>
MODULAR SYSTEM	<b>CAN MODIFY FOR SEGR.</b>		<b>VALVE</b>

**VAPOR SYSTEM COMPONENT INFORMATION**

P/V MFG	<b>ERL</b>	P/V PRES. SETTING	<b>3 PSI</b>
P/V MODEL #	<b>E11-PV-6-II</b>	P/V VACUUM SETTING	<b>0.5 PSI</b>
SPILL VALVE MFG	<b>NONE</b>	SPILL VALVE MODEL #	<b>N/A</b>
SPILL VALVE SETTING	<b>N/A</b>	MAX LOAD RATE	<b>5000 BBL</b>
ALARM MFG / TYPE	<b>ERL LEVEL ALERT II</b>	ALARM SETTINGS	<b>6" HL / 4" OF</b>
STICK GAUGE MFG	<b>ERL</b>	HIGH / LOW STICKS	<b>HIGH – ERL DS 39</b>
CLOSED GAUGING	<b>YES / MMC</b>	RESTRICTED GAUGING	<b>YES</b>
TAPE GAUGE TYPE	<b>NONE</b>	GAUGING VALVE	<b>MMC MOD MB.CF8M211</b>
GAUGE TREE	<b>YES 6' ERL</b>	SIGHT GLASS	<b>ERL SGM-1</b>

**STRIPPING SYSTEM INFORMATION**

STRIPPING SYSTEM	<b>YES</b>	STRIP PIPING TYPE	<b>STAINLESS STEEL</b>
SLOP TANK	<b>2EA INTERGRAL</b>	SLOP TANK SIZE	<b>2EA X 5000 GALLONS</b>

**OTHER INFORMATION**

HEATING SYSTEM	<b>NONE</b>	NITROGEN SYSTEM	<b>NONE</b>
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