

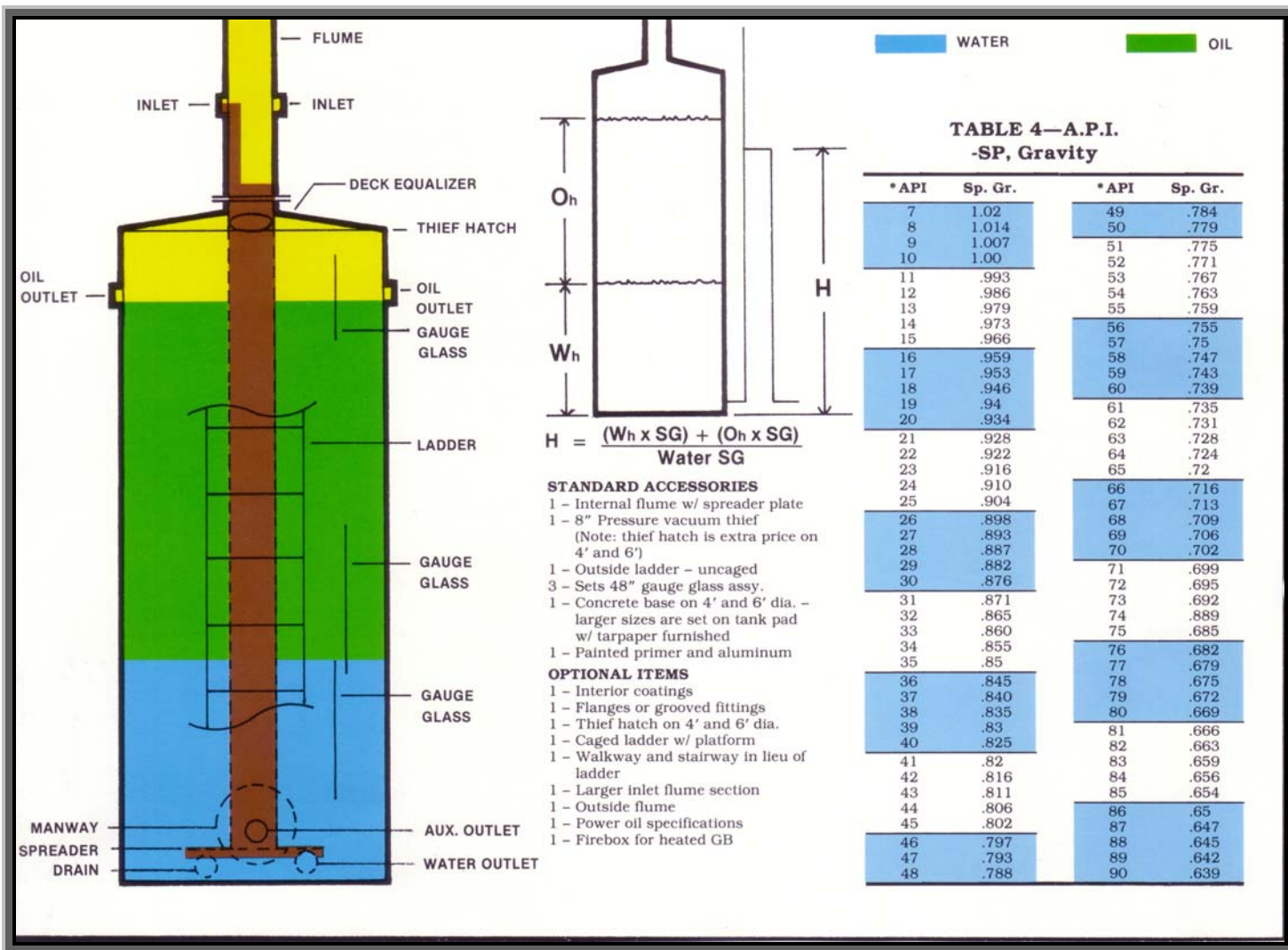
Gunbarrels

Steel & Fiberglass



The gunbarrel is an economical and low maintenance method to treat oil when properly applied. Production enters the inlet flume section at the top of the tank. Solution gas is vented from the top of the flume or equalized to storage. The oil and water travels downward through a downcomer pipe and is dispersed by a spreader plate. Free water remains in the lower section and the oil travels upward. Adequate oil retention time will allow entrained water to settle out and be discharged through the drain or siphon. Clean oil at the top spills over the oil outlet and flows to storage.

The gunbarrel is applicable only where chemical and retention time alone will treat the oil. Also, consider that there is no gas pressure to dump the oil and water. The vessel must be tall enough for the oil to gravity flow to storage. If considerable gas is present and/or gas is to be sold, a separator will be required ahead of the gunbarrel.



Specifications

SIZE	TOTAL LIQUID VOLUME (bbl.)	OIL VOLUME W/6' WATER LEVEL (bbl.)	HEIGHT FROM BOTTOM TO OIL OUT	STANDARD CONNECTION SIZE					
				INLET	VENT	EQU.	OIL & WATER OUTLETS	DRAIN	MANWAY
4' x 20'	40	27	18'	2"	2"	2"	3"	3"	16" Dia.
6' x 20'	91	60	18'	3"	3"	2"	3"	3"	16" Dia.
8' x 20'	161	108	18'	3"	2"	2"	3"	3"	16" Dia.
10' x 20'	252	168	18'6"	3"	2"	2"	3"	3"	24" x 36"
10' x 24'	315	231	22'6"	3"	3"	3"	4"	3"	24" x 36"
12' x 20'	373	252	18'6"	4"	4"	4"	4"	4"	24" x 36"
12' x 24'	454	333	22'6"	4"	4"	4"	4"	4"	24" x 36"
25'6" x 24'	757	555	22'6"	4"	4"	4"	4"	4"	24" x 36"
21'6" x 24'	1,456	1,068	212'6"	6"	4"	4"	6"	4"	24" x 36"