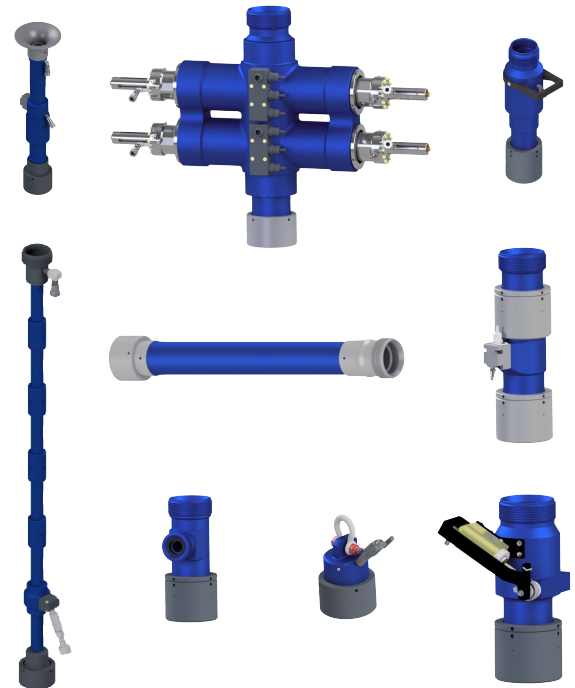


10K LIGHTWEIGHT WIRELINE PCE

DESCRIPTION

- Significantly lighter than a standard 4.06" 10K package (48% weight reduction). Utilizing NACE spec material rated for sour service application.
- A completely new BOP designed and engineered in-house utilizing innovative technology to create the most efficient profiles.
- New equalizing valve manifold to reduce size, weight, and complexity.
- Metal to metal seals w/ backup O-rings.
- Shorter make-up lengths.
- New integral design on the pump-in-sub.
- Upgraded material for greater strength with less weight.
- Designed, engineered, & manufactured according to API specifications.



			4" 10K Standard			New LSI 4" 10K Lightweight			
Primary PCE	Description	#	Weight	Package Weight	Hoisted Weight	Weight	% Weight Decrease	Package Weight	Hoisted Weight
						Lifted	Linewiper Packoff	1	80
	Grease Head - 6 Section	1	138	138	138	0%	138		
	Head Catcher	1	120	120	106	-12%	106		
	XO 3" E09 to 4" E12	1	45	45	45	0%	45		
	4-1/16" 10K 4' Lubricator	2	155	310	110	-29%	220		
	4-1/16" 10K 10' Lubricator	6	335	2,010	230	-31%	1,380		
	4-1/16" 10K Quick Test Sub	1	172	172	134	-22%	134	811	
Assembled	4-1/16" 10K Tool Trap	1	252	252	115	-54%	115		
	4-1/16" 10K Tandem BOP	1	2,193	2,193	575	-74%	575		
	4-1/16" 10K Test Cap	1	63	63	45	-29%	45		
	4-1/16" 10K BX152 PIS	1	200	200	76	-62%	76		
Total Weight				5,583			-48%	2,914	