

LOCK[®]+

Inspired by legacy. Engineered for the future.

LOCK[®]+

 is the latest addition the LOCK[®] family; Improved- Upgraded- Customized. The LOCK[®]+ has increased hang-off capacity, both combined loading, and straight-pull, which makes it the ideal solution plug. It has higher pressure rating and is qualified for multiple settings. The LOCK[®]+ VO qualified according to ISO 14310 / API 11D1.

More agile, compact, and robust with less moving parts; LOCK[®]+

 is the next generation plug!

Benefits

- VO protection for extended periods or harsh well conditions
- Confidence in retrieval
- Easy and rapid deployment
- Integrated learnings from close to 9000 operations
- Increased pressure rating

Features

- VO qualified according to ISO 14310 / API 11D1
- Designed to improve debris management
- More hang off capacity, both combined loading and straight pull
- Increased pressure rating
- Less parts and simplified redress - No make up required

Specifications

	LOCK+	LOCK+ HD
Pressure rating, psi (bar)	7500 [517]	10,000 [690]
Temperature rating °F (°C)	39 - 302 [4 - 150]	39 - 302 [4 - 150]
ISO 14310 & API 11D1 VO qualified	Yes	Yes
Max hangoff klbs [tons]	154,000 [70]	330,000 [150]
Through-bore diameter, inch	2	1.96
Typical suspension period	Days to Years	Days to Years
Drillpipe connections	NC50 BOX x PIN	6 5/8 FH Box x NC50 Pin
Elastomer	HNBR	HNBR
Ball valve ISO 28781 qualified	Yes	Yes

Specifications may be subject to change