



BlackCat™ H and HU Hydraulic-Set Sealbore Production Packers

Weatherford's *BlackCat* H and HU production packers are high-performance, hydraulic-set, retrievable sealbore packers for medium- to high-pressure production and testing applications. These rugged, dependable packers can be retrieved with tubing or drillpipe and the *BlackCat* retrieving tool. The HU version of these packers features a large upper sealbore that maximizes the ID of the completion to optimize well access.

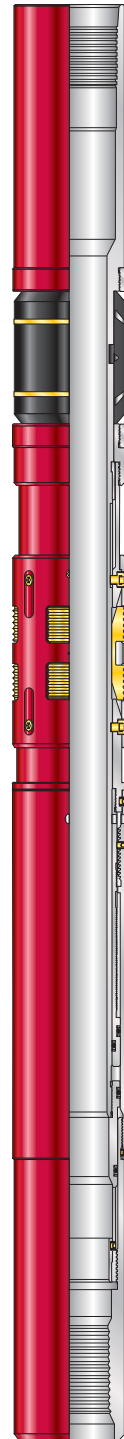
BlackCat H and HU production packers are fully engineered. The packers are available in most oilfield material specifications—from alloy steel to corrosion-resistant alloy (CRA) materials—that are suitable for hydrogen sulfide (H₂S) service. *BlackCat* production packers accept Weatherford's standard UltraPak™ permanent packer accessories.

Applications

- One-trip applications on land or offshore
- Deviated and horizontal wells
- Running with tubing-conveyed perforating (TCP) guns suspended below the packer
- High-pressure, high-flow applications
- Applications in which tubing movement may be encountered

Features, Advantages and Benefits

- Setting cylinder below the element reduces leak paths to maximize completion integrity.
- Packers are easily retrieved for well intervention operations using the *BlackCat* retrieving tool.
- An O-ring pressure-test kit is available to enable shop-testing of packer assemblies, ensuring their integrity before shipment offshore and thereby reducing the risk of nonproductive time.
- Rotationally locked components facilitate deployment by enabling rotation into liner tops and horizontal sections and by facilitating milling.
- One-trip installation saves rig time.
- Hydraulic setting capability eliminates the need for tubing manipulation and allows packer to be set after wellhead is flanged up, expediting installation of the completion.





BlackCat™ H and HU Hydraulic-Set Sealbore Production Packers

Specifications

Casing				Packer							
OD (in./mm)	Weight (lb/ft, kg/m)	ID (in./mm)		Model	Gauge Ring OD (in./mm)	Bore (in./mm)		Minimum ID through Seals (in./mm)	Bottom Connection	Product	Retrieving Tool
		Minimum	Maximum			Upper	Lower				
7 177.8	23.0 to 32.0 34.2 to 47.6	6.094 154.79	6.366 161.70	HU	5.938 150.83	4.750 120.65	3.875 98.43	3.875 98.43	4 1/2-in., 12.6-lb NEW VAM®	754942	175275
	29.0 to 35.0 43.2 to 52.1	6.004 152.50	6.184 157.07		5.813 147.65	4.000 101.60	3.250 82.55	2.990 75.95	3 1/2-in., 9.2-lb NEW VAM	786090	790841
7-5/8 193.7	24.0 to 29.7 35.7 to 44.2	6.875 174.63	7.025 178.44	HU	6.688 169.88	4.750 120.65	3.875 98.43	3.875 98.43	5 1/2-in., 17-lb LTC ^a	716709	718472
9-5/8 244.5	32.3 to 43.5 48.1 to 64.7	8.775 222.89	9.001 228.63	H ^b	8.440 214.38	—	6.000 152.40	3.830 97.28	5 1/2-in., 15.5-lb NEW VAM	290715 ^b	278318
	47.0 to 53.5 69.9 to 79.6	8.535 216.79	8.681 220.50	H	8.319 211.30			4.875 123.83	5 1/2-in., 23-lb NEW VAM	172039	

^aLong casing thread

^bSet by a control line, this packer is used with a ratcheting hydraulic-setting tool or the equivalent.

Options

- Alternative materials and connections are available.

NEW VAM is a registered trademark of Vallourec Mannesmann Oil & Gas France Corporation