



INTRODUCTION

WELL-PRAETORIAN™ is a heavy duty wellbore filter and validation tool suitable for all downhole conditions and with robust, high performance features and is available in both heavy duty brush and normal duty wiper variants.

The WELL-PRAETORIAN™ is typically run as part of a comprehensive wellbore clean-up BHA, spaced out above the scraper and brush tools. While running in the hole, it wipes or brushes the casing while allowing fluid to bypass through the tool. When pulling out of hole the wellbore fluid is diverted through the heavy duty filter screen capturing all types of well debris in the debris chamber. This validates the effectiveness of the clean-up when the tool is emptied at surface.

The tool can be dressed with a standard duty rubber wiper cup, or a heavy duty brush element to suit heavy workover or high temperature applications.

FEATURES

- Non-rotating molded wiper cup or welded brush can be installed depending on application
- Non-rotating centralizer with alloy bronze bearings compatible with high temperature and chemical applications
- Heavy duty shrouded filter screen prevents accidental damage
- Innovative bypass valve allows unhindered fluid bypass without jamming
- Emergency bypass sleeve shears to prevent swabbing
- Available with all API and premium drill pipe connections

BENEFITS

- A properly executed wellbore clean-up mitigates risk during completion operations and the productivity of the well.
- Prevent debris related premature packer setting while RIH
- Prevent failure to set packers due to debris in the well
- Prepare casing wall to ensure packer element sets and mitigate premature elastomer failure

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APPLICATIONS

- Pre-completion wellbore clean-up
- Workovers and sidetracking
- Abandonment
- Drilling / milling cement plugs
- BOP jetting



OPERATIONAL

The WELL-PRAETORIAN™ is typically run above the scraper, brush or magnet.

While running in the hole the bypass valve lifts allowing fluid to enter and pass through the tool unhindered. The wiper/brush element cleans the casing while being deployed in the wellbore. Once on bottom, cleanup of the well can commence while rotating and reciprocating the BHA, without fear of wearing the casing or tool.

When pulling out of hole, the wiper/brush diverts all the wellbore fluid through the tool, which passes through the heavy duty filter screen, capturing all sizes of debris, from large pieces of metal or formation, down to sand, gunk and sludge.

Once the WELL-PRAETORIAN™ is one stand below the BOP stack, it is recommended to pick up a BOP jetting sub and thoroughly jet the BOP stack. Any dislodged debris will be captured in the WELL-PRAETORIAN™.

At surface the WELL-PRAETORIAN™ can be quickly emptied to validate the effectiveness of the clean-up and can be rerun if so desired.



TECHNICAL SPECIFICATIONS*

Nominal OD (in.)	Weight (ppf.)	Connection	Centralizer OD (in.)	Wiper [§] /Brush [†] OD (in.)	ID (in.)	Length (in.)	Tensile Yield [†] (lbs.)	Torsional Yield [†] (ft.lbs.)	Max Slack-Off (lbs.)	Burst/Collapse (psi.)	Max Rotation (rpm.)
7.000	29.0-38.0	NC 38	5.790	6.250/6.510	1.50	165.0	523,200	28,600	10,000	>10,000	120
9.625	47.0-58.4	NC 50	8.274	8.800/9.000	2.50	168.0	927,000	59,800	20,000		

*Specifications are for marketing purposes only and may be subject to change. No warranties implied.

[†]Quoted value does not take external connections into consideration.

[§]Well-Praetorian™

[‡]Well-Praetorian™ HD