



Flapper Investigation Tool (FIT)



Impact Selector’s Flapper Investigation

Tool (FIT) is designed to determine the status of the Flapper in a Safety Valve. The modular design allows the length and nipple profile to be changed to suit alternative Safety Valves with little effort.

The FIT is deployed on wireline and landed against the safety valve nipple No-Go. The tool is then slowly lifted. If an over pull is achieved, this verifies that the flapper is not housed as it should be and could lead to a potential fishing event should the tool string be deployed below this point.

If no over pull is achieved, this verifies the flow tube is fully stroked, the flapper is contained as designed, and intervention can safely take place.

After determining Flapper status, the FIT must be activated by downward jarring against the nipple No-Go which closes the catch area, providing a continuous flush OD and allowing retrieval to surface.

Features:

- Fail-safe close feature
- Suitable for various Safety Valve sizes/ types

Benefits:

- Simple to run
- No need for specialist personnel

FIT Configurations			
Nominal Size (inches)	*Nipple Size* (inches)	*Nipple Profile	No-Go To Flapper Recess Length (inches)
4.50	3.813, 4.312	X, AF, EOF, QN	46, 66, 108, 114, 122, 130, 189
5.50	4.313	AF, QN, DB, RQ	55, 82, 105, 156
	4.562		
	4.579		
	4.685		
	5.000		

*Nipple Profiles and Lengths available upon request.

For more information please contact
Customer Service at 1-800-238-9239 24 hours a day / 7 days a week
Email: impact@impactselector.com





Where Advanced Technology and Responsive Service Come Together to Reduce the Risk

For over 2 decades, Impact Selector has served the upstream oil and gas markets with innovative products and services that enhance formation evaluation and well intervention activities. Impact Selector is committed to the success of our customers by combining operational experience, creative design, state-of-the-art manufacturing, and product testing facilities to provide *Intelligent Conveyance®* products and services worldwide to reduce costs and minimize risk.

Products

Open Hole Wireline

- MFT/MFT HPHT Multiconductor Jar
- MCX/MCX HPHT Multiconductor Jar
- SMART Jar™
- Wireline Stand Off
- Wireline Tool Stand Off
- Roller Bogie Hole Finder
- Bull Nose Roller Hole Finder
- Roller Bogie® Systems
- ImpactPro Prediction Analysis Software

Cased Hole E-Line

- XCS / XCS HPHT Jar
- Xcalibur Jar
- SMART Sens™ Tension Sub
- Low Friction Tubular Jar
- Roller Bogie® Systems
- Perforating Roller Bogie®
- Guide Roller Bogie®
- Orienting Perforating Tool

Cased Hole Slickline

- Blockbuster Jar
- Intensifier Jar
- Impact SL Jar
- Low Friction Tubular Jar
- Xcalibur Jar
- Roller Bogie® Systems
- Guide Roller Bogie®
- High Deviation Roller Bogie® Jar
- Low Loader Roller Bogie® Jar
- Advanced Kickover Tool
- Chemical Jetting Soak Tool
- Double Knuckle Joint
- Flapper Investigation Tool
- Flow Tube Exercising Tool
- Safety Valve Protection Sleeve

Services

Leasing and Rental of Wireline Tools

Consultation Services

- Operation, Customization, Maintenance and Repair

Research and Development

- Fast Track New Tool Development
- Turn-Key Engineering Design, Prototype Testing and Manufacturing
- Mechanical and Electrical Engineering
- Modeling Software

Support

24 hours a day/7 days a week

- Wellsite Operations
- Training
- Maintenance
- Technical

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