

RustBuster pickling solutions

Minimize risks and costs by simplifying derusting operations

Applications

- Tubing pickle before an acid stimulation or cleanout operation
- Nonacid, single-step filter cake removal operations with polymer-specific enzymes

Features and Benefits

- Metal chelating and filming process
 - Minimizes risks of reservoir damage in subsequent completion and stimulation operations
 - Provides several days or weeks of protection
 - Controls iron precipitation
- Near-neutral pH
 - Minimizes handling risks
- Compatible with common mix waters, acids, stimulation fluids, solvents, and elastomers
 - Facilitates logistics and testing requirements and reduces associated costs
- Liquid additive
 - Enables fast, accurate metering and mixing
- Low pour point
 - Extends application range to cold weather

The Baker Hughes **RustBuster™ pickling solutions** are efficient, nonreactive, rust removal systems capable of deoxidizing a wide variety of metals using a powerful chelating action. Safer and easier to use than conventional acid pickling systems, these solutions also reduce the volume of product and the amount of equipment required on a job location.

The active ingredient, the proprietary Baker Hughes **FerroFree™ iron control agent**, is also a competent calcium-sequestering agent. In the presence of iron, it dissolves scales and other carbonate particles, enabling one-step, nonacid remediation operations.

Safety Precautions

Refer to the material safety data sheet (MSDS) for handling, transport, environmental information, and first aid.

References

MSDS

Typical properties

Typical temperature range	140°F (60°C) and above
Typical pH range	5 to 7
Appearance	Clear to light yellow fluid
Specific gravity	1.02 +/- 0.05
Pour point	15°F (-9°C)
Solubility	Soluble in water, light brines, and acid

Note: Can be effective at lower temperatures with longer contact time