COMPANY OVERVIEW

Performance Acid Technologies LLC — Boerne, Texas

Performance Acid Additives

Performance Acid Technologies formulates and manufactures proprietary additive packages that transform standard HCl, H_2SO_4, and HF into high-performance, specialty acids delivering deeper penetration, better formation contact, and measurable stimulation increases in oil and gas applications, while providing safer acid alternatives and cooling tower cycle-boosting technology for industrial applications.

5	3	0
Distinct Product Lines Across the Portfolio	Acid Systems Supported: HCl / H_2SO_4 / HF	Capital Investment Required from Distributors

WHAT IS A PERFORMANCE ACID?

PAT does not sell pre-blended modified acid products. We engineer concentrated performance additive packages that our distributors blend with their own HCl, H_2SO_4, or HF supply using existing equipment. The result: distributors can offer differentiated, specialty acid products to their customers without additional capital investment. Our portfolio is organized around five distinct additive lines, each engineered to address a specific set of conditions and operational priorities.

THE PRODUCT PORTFOLIO

PATBoost™

HCl | HF

Performance additive for HCl carbonate stimulation and HF/HCl carbonate and sandstone acidizing. Built around proprietary kinetic moderator and corrosion inhibitor chemistry.

END USE
- Frac spearheading
- Carbonate matrix acidizing
- HF/HCl mud acid for sandstone

BENEFITS
- Extended live acid penetration
- Improved HF/HCl stimulation
- Enhanced solubilization
- Enhanced personnel safety

PATStim™

HCl

Wellbore performance restoration for disposal wells with declining injectivity, production wells requiring restimulation, and near-wellbore damage situations.

END USE
- SWD acid jobs
- Well remediation
- EOR and restimulation

BENEFITS
- Organic detergency
- Paraffin & oily residue removal
- Calcium carbonate scale dissolution
- Enhanced personnel safety

PATSafe™

HCl | H_2SO_4 | HF

Safety-first additive for HCl, H_2SO_4, and HF where handling risk, regulatory classification, and transport compliance are priorities.

END USE
- Oil & Gas
- Industrial cleaning
- Continuous treatment

BENEFITS
- Non-fuming
- Improved GHS skin hazard classification
- DOT Non-Hazardous transport potential
- Enhanced personnel safety

CycleBoost™

H_2SO_4

Industrial cooling additive enabling higher Cycles of Concentration, effective scale control, and safer acid handling in industrial water treatment programs.

END USE
- Data centers
- Refineries
- Power plants
- Large HVAC

BENEFITS
- Higher CoC
- Effective scale control
- Less water usage
- Enhanced personnel safety

PATGuard™

HCl | H_2SO_4

PATGuard is Performance Acid Technologies' line of temperature-tiered, film-persistent corrosion inhibitor concentrates engineered to protect steel tubulars, wireline equipment, cooling equipment, and boiler metallurgy from acid attack during acid treatments. PATGuard™ is a standalone additive designed to complement PATBoost™, PATStim™, CycleBoost™ and PATSafe™ as part of a complete performance acid program.

END USE
- Frac spearheading
- Carbonate matrix acidizing
- Disposal well treatment
- Restim
- Cooling tower treatment
- Boiler treatment

BENEFITS
- Temperature tiered product line effective up to 290°F
- Film persistent inhibitor chemistry
- Tested to API performance standards
- Compatible with other PAT additives

More effective stimulation per gallon of acid. Less equipment damage. Less water usage. Safer personnel. Lower total job cost.

MORE EFFECTIVE STIMULATION
Deeper penetration, better formation contact, and measurable stimulation increases per gallon of acid.

LESS EQUIPMENT DAMAGE
Corrosion inhibition and kinetic moderation protect tubulars, casing, and boiler and cooling equipment across acid systems.

LOWER TOTAL JOB COST
Less water usage, safer personnel handling, and reduced workover and replacement costs on every job.

Performance Acid Technologies LLC | Boerne, TX | info@performanceacids.com | performanceacids.com | November 2026
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