



Frontline Global Services, Inc.

Commercial Services Presentation

General Company Overview





Introductions

- Kevin Sapp, President / CEO
 - 24 years in the Industry
 - Texas A&M University Graduate
 - STLE CLS & OMA
 - Hands-on Business Owner





Kevin Sapp

- Provide with Sapp's Professional Bio



**FRONTLINE**
GLOBAL SERVICES, INC.
SAFETY | PRECISION | RELIABILITY



Kevin B. Sapp
President & CEO

Kevin Sapp is the President and CEO of Frontline Global Services, Inc. ("Frontline"), a Houston, TX-area based company specializing in Turnkey Industrial Services, especially System Decontamination, High-Velocity Oil Flushing, High-Velocity Chemical Cleaning, Fluid Purification and Varnish Eradication. Frontline, founded in 2012, is a continuation of Kevin's prior industrial services company, Industrial Action Services, Inc. (IAS), founded in 2008, which was also previously headquartered in the Houston, TX area; with satellite branches in Canada (CAN-AK Industrial Services & IAS Canada, Inc.) and in The Middle East/North Africa Region (IAS Gulf, FZE); all wholly owned and operated individually by Kevin as a regionally strategic entities in their respective market geographies.

Kevin is a veteran industrial services entrepreneur and oil & gas industry professional with more than 24 years' experience building and leading technical service companies. Over his career, he has completed projects for over 300 corporate, private, government & military clients at over 430 project sites in the U.S., Canada, Europe, Central & South America, Oceania, Africa & The Middle East/North Africa geographies. Kevin has two (2) decades of leadership experience in the industry, with a particularly strong focus on business development, operations, management, engineering and sales. Since 1999, Kevin along with his exceptional group of teammates, has completed over 5,700 individual service projects to-date, worldwide.

In 1998, after graduating from Texas A&M University, Kevin was recruited by Chevron and it's Houston-Based Chevron Fuels & Lubrication Marketer, The Hurt Company, to serve as a field lubrication engineer. In that role, Kevin served in a technical and sales role supporting Chevron's petrochemical and mining strategic accounts. Kevin specialized in plant reliability management, especially through lubrication and tribology, for rotating, reciprocating, and fluid power (hydraulic) equipment assets.



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Introductions

- Roger Connolly, VP Operations
 - 18 years in the Industry
 - ICML MLT Certified
 - HAZWOPER
 - Fluid System Design Expert





Frontline Global Services

Onsite Fluid Purification
System Decontamination
Condition Monitoring
Consulting





What Does Frontline Do?

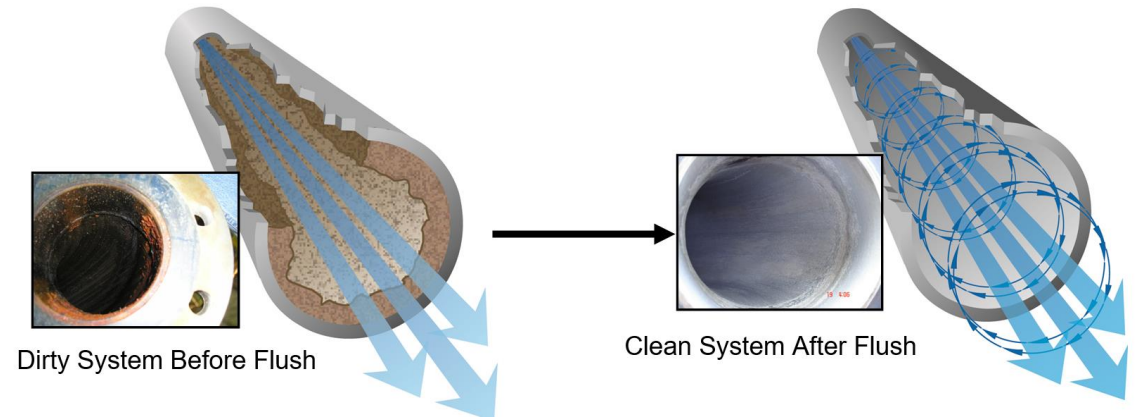
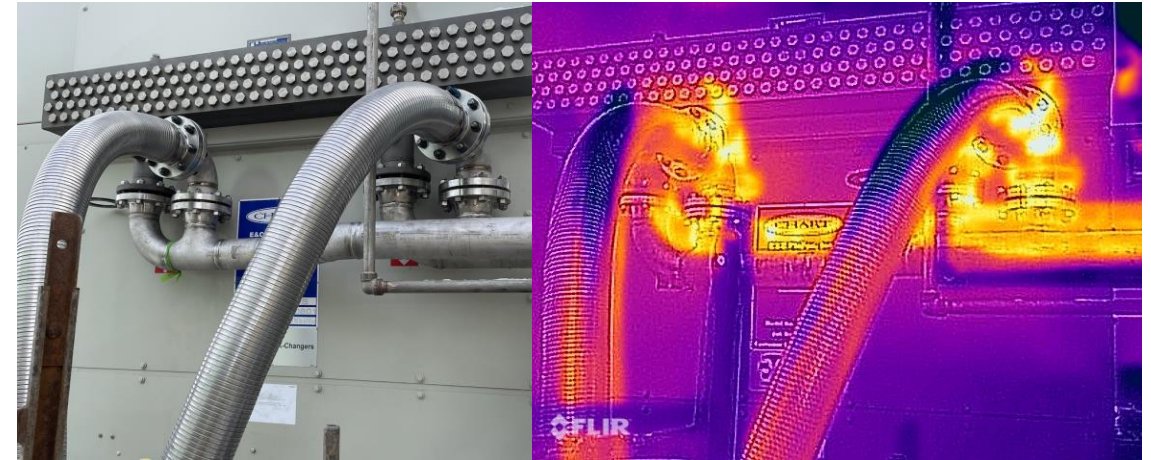
- Specializes in the Decontamination of Plant Process Systems
 - Liquid System Piping & Vessels
 - Gas System Piping & Vessels
 - Fluid Purification
- Typically Industrial or Commercial Plants
- Techniques include:
 - High-Velocity Oil Flushing
 - Mineral, Synthetics, EHC
 - High-Velocity Chemical Cleaning
 - Liquid & Foam
 - On-Site Fluid Purification
 - Filtration, Degassing, Fractional Distillation, Off-Spec Fluid Conditioning Foam Cleaning, Varnish Eradication, Condition Monitoring





Capabilities Summary

- High-Velocity Lube Oil Flushing
 - Lube Oil
 - Seal Oil
 - Hydraulics
- High-Velocity Chemical Cleaning
 - Degreasing / De-Sludging
 - Chelation
 - Passivation
- On-Line / Off-Line Fluid Purification
 - Water Removal
 - Solids Removal
 - Gas Removal
 - Varnish Removal





Capabilities Summary (cont.)

- System Varnish Eradication
 - On-Line
 - Off-Line
- Foam Cleaning
- Reservoir Decontamination
- Gas System Cleaning
- Cooling Water / Glycol System Cleaning
- Condition Monitoring
 - Oil Analysis
 - Proactive Lubrication Planning
- Leak Detection
- Consulting (Where Appropriate)





Varnish Eradication

- **Turnkey Service** – No asset Purchase Required
- Project Execution is while system is **Online – No Customer Downtime**
- Results are **MPC below 20** and typically below 10
- Results are **100% guaranteed** – No Result, No Charge
- **Frontline PM & Technicians monitor 24/7** – no unattended equipment
- **Results are in Real-Time** – MPC, ISO 4406:1999 and Photomicrograph Lab Testing done On-Site
- Cleans **Both** the **Fluid** and the **System Internals**
- **Does not harm the existing system fluid** – original chemical composition/formulation not changed
- **Non-Hazardous** Process
- **Environmentally Friendly** Process



BEFORE



AFTER





Recent Unique Project Offerings

- Revolutionary EHC Process
 - Quicker
 - Better Results
 - Guaranteed Outcome for Customer
 - 20-50% Cheaper than Other EHC “Flushers”
- Feed Gas Line Chemical Cleaning – Pipeline Upsets into Plants
 - Decontaminate Every Pipe & Piece of Tubing from GCS Pipeline to Turbines
 - Plant-Wide
 - Drying Capacity to -80F Dew Point
 - Turnkey
 - Guaranteed Results
 - Borescopic Inspection



C. FACILITY & PIPING EXTERNAL PHOTO-DOCUMENTATION



Staging Area Overview for Phase 1



Columbia Gas Transmission Receiving Area





Recent Unique Project Offerings

- Continued...
- Varnish Eradication – Online
 - No Shutdown or Downtime
 - Plant Continues to Run
 - MPC to 20 or Less – Guaranteed
 - On-Site Testing
 - System Piping Cleaned – Not Simply the Fluid

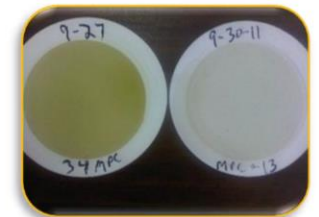
Equipment Decontamination - Process Results



Pencil filter Before Varnish Mitigation Service



Pencil filter After Varnish Mitigation Service



MPC Results Before and After Varnish Mitigation Service



Filter Housing Before Varnish Mitigation Service



Filter Housing After Varnish Mitigation Service



Tank Interior After Varnish Mitigation Service



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Recent Project

- 2022 Turnaround
- Plant-Wide Rotating Equipment Cleaning
 - CSE Reservoir Decontamination
 - High-Velocity Chemical Cleaning
 - Removed Sludge & Varnish
 - Chelation & Passivation
 - High-Velocity Oil Flushing
 - Lube Oil Systems
 - Seal Oil Systems
 - Hydraulic Oil Systems
- Turnkey Service
- 8 Assets, 19 Machines
- Zero Safety & Environmental Incidents
- Post Project Analysis Results - Excellent





Example Final Report

- Final Report - 1101 – 620157
 - Review PDF



BEFORE

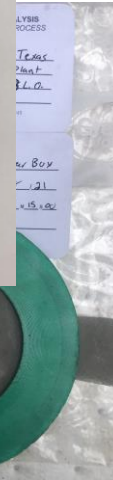


AFTER

LPA3 #63110004
Test Number: 15
REF: 104JAT
Test Type: CONTINUOUS TEST
Sample Volume 100 ml
Flush Time 30 s
Pressure <30 psi

ISO 4406:1999
12/11/6

$\mu\text{m}(\text{c})$	/100ml
>4	3107
>6	1034
>14	58
>21	58
>25	30
>38	30
>50	30
>70	30



PROJECT PERFORMANCE REPORT



PROJECT DATES:

PERFORMED FOR:

SERVICES: High Velocity Chemical Degreasing
High Velocity Flushing Fluid Rinse
High Velocity Operating Oil Flush
System Decontamination
Fluid Purification

ASSET:

REPORT:

Prepared By: Skip Schroeder
Senior Project Manager
Frontline Global Services, Inc.

CONTENTS:

- 1.0 Executive Summary
- 2.0 Introduction
- 3.0 Methodology
- 4.0 Project Results
- 5.0 Key Benefits Realized
- 6.0 Conclusions and Recommendations
- 7.0 Appendix



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Recent Project

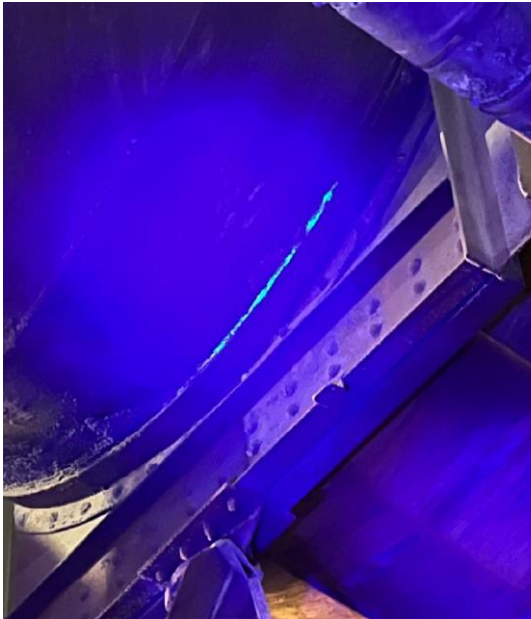
- Emergency Leak Detection – Blast Furnace Gas Main
 - SMOG (Stabilized Molecular Observation Gas) Process
 - UV Enhancement
- 100% Non-Hazardous to Personnel or Assets
 - Odorless, Non-irritating, Non-toxic, Non-flammable
- Zero Residue Discharge throughout the process
- Extremely Dense, Durable, and Scented Dispersion
- UV Trace technology is a specially designed UV dye
- High Visibility UV Smog Detection Tools at our Disposal such as:
 - (UV Camera, standard UV Detectors, UV Trace Enhancing Headset, Straight Beam UV Detection, Etc.)
- Smog Density Dispensing Control Variation (1% - 100%)
- No Risk of Negatively Impacting Personnel, Equipment Assets, or Daily Facility Operations
- Process Offers a Less than 1% Emissions Footprint
- Project completed on-time, meeting or surpassing all specifications.
- Successfully Found and Identified 3 Piping leaks
 - Allowed Mill to move forward with the commissioning of the Blast Furnace Feed Gas line.
- Zero Safety & Environmental Incidents
- Post Project Analysis Results - Excellent





Example Final Report

- Final Report – TBBH-BF Gas Main – 551665



RESULTS

FINAL PROJECT PERFORMANCE REPORT



PROJECT DATES: March 28th, 2022 – March 30th, 2022

PERFORMED FOR:

SERVICES: Low-Pressure Leak Detection
SMOG – Stabilized Molecular Observation Gas

ASSET: TBBH Blast Furnace Gas Main
96" Gas Main Pipeline

REPORT:

Prepared By: Patrick E. Holsinger Jr.
Account Manager / Major Projects
Frontline Global Services, Inc.





Applications Serviced

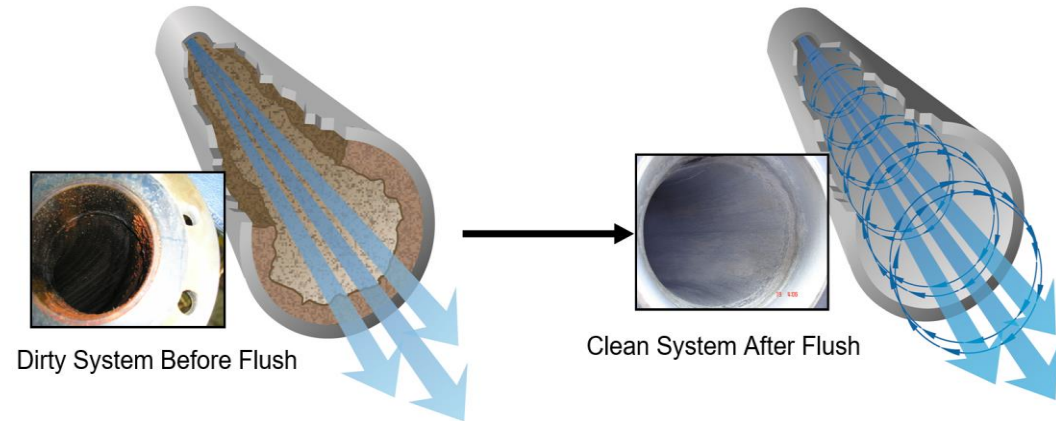
- Steam Turbines
- Gas Turbines
- Hydraulic Systems (Including EHC)
- Circulating Oil & Bearing Systems
- Centrifugal Compressors
- Reciprocating Compressors
- Process Systems
- Heat Exchangers & Fin-Fans
- Boilers & Condensers
- Heat Transfer Systems





Fluids Serviced

- Turbine Oils
- Synthetic Fluids
- Hydraulic Oils
- Fire Resistant Fluids (EHC)
- Gear Lubricants
- Heat Transfer Fluids
- Transformer Oils
- Industrial Coolants (Glycol)





When Do Plants Need Us?

- New Installations / New Construction
 - OEM Pre-Commissioning Guidelines for Warranty
 - Equipment Upgrades
- Sudden Failures
 - Emergency Services (911)
- Gradual Contamination Build-up in a System
- Gradual Fluid Contamination/Degradation
 - On-Line / Off-Line Options
- Scheduled Outages & Plant Turnarounds
- Routine Maintenance
 - Condition Monitoring



Rusted 4" line



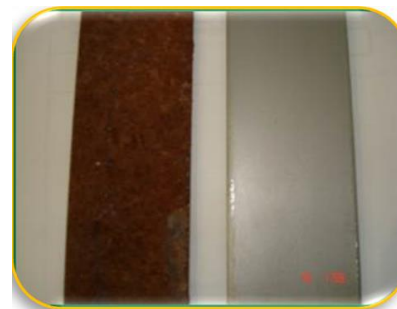
Chemically Cleaned 4" Line



Rusted Condenser Tubes



Chemically Cleaned Condenser Tubes



Metal Coupon Before and After Chemical Cleaning



Reservoir Before Chemical Cleaning



Reservoir After Chemical Cleaning





Why Do Plants Need Us?

- Proactive
 - Reduce or Eliminate Downtime & Forced Outages
 - Dramatically Extend Machine Life and/or Maintenance Intervals
 - Improve Plant Efficiency
 - Lower Plant Operating Costs
 - Increase Run Rates & Profits
 - Consultation on Improvements & Remedies
- Predictive
 - To Assist with Equipment Asset Monitoring
- Preventative
 - Major Overhauls & Rebuilds
- Reactive
 - Immediately After an Equipment Failure or System Upset





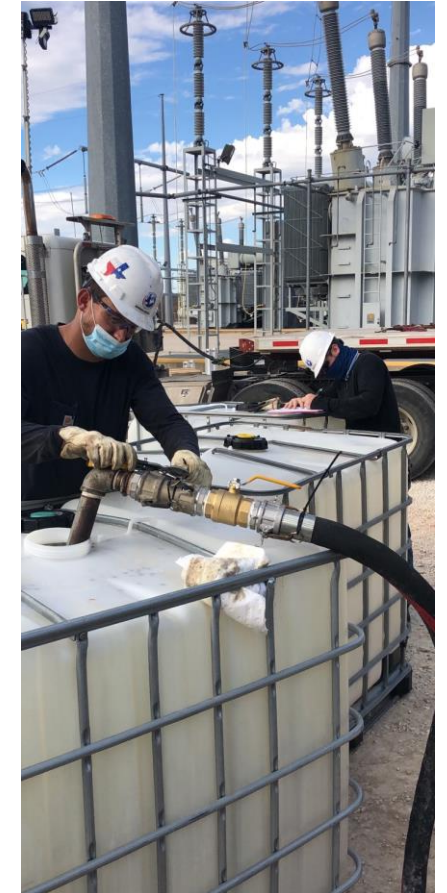
Frontline Difference

- Turnkey Services
 - Minimal Support Required
 - Ability to be 100% Self-sufficient
- Commitment to Safety & Environment
 - Perfect Safety Record – Zero Incidents
- Fast, On-Time Completion
- Exceed OEM / Industry Requirements
- Real-Time Analysis & Reporting
- Pre-Project Process Analysis
 - In-house Laboratory
- 24/7 Management
 - Trained Project Managers, Superintendents & Technicians
- Extensive Personnel & Equipment Resources

REF: 101BJT - 1D FAN
Test Type: CONTINUOUS TI
Sample Volume 100 ml
Flush Time 30 s
Pressure <30 psi

ISO 4406:1999
14/12/7

$\mu\text{m}(c)$	/100ml
>4	15578
>6	2680
>14	74
>21	38
>25	20
>38	0
>50	0
>70	0





Unique to Frontline

- No-Charge, Pre-Project Site Visits and Engineering (Part of Our Sales Process)
- No-Charge, No-Obligation Proposals
- **100% No-Compromise Guarantee**
 - If what Frontline Proposes Does Not Happen – No Charge, No Invoice
- Safety Record – ZERO Incidents in Company History / in Last 20 Years
- Real-Time, On-Site Testing & Analysis
- Emergency Response – 24/7
- Committed to High-Quality, Fair-Priced Services
- Corporate Goal: Repeat & Referral Business





The Frontline Process

- Engineered Process Units
- Procedure-Based Operations
- Safe-Start Procedure
- Armor-Guard Hoses
- Pipefitting Included – Turnkey
- (True) High-Velocity Flow – Reynolds Numbers >25,000
- Full-Flow Submicron Filtration
- Supplemental Vacuum Distillation
- Confined-Space Reservoir Decontamination
- Real-Time API 614 Screening, ISO 4406:1999 Laser Particle Counting & On-Site Lab Testing
- Minimal Project Footprint
- Self-Powered Options – No Electrical Support Required
- Emergency Response – 24/7





Frontline's Geography

- Texas-Based
 - Headquartered in Huntington, TX
- Entire U.S. – all 50 States
- Canadian Experience and Capabilities
- International Experience and Capabilities





Experience & Commitment

- Frontline Formed in 2012 – 10 Years in Business
- Same Team of Experts – 20+ Years
 - Average Employee Tenure – 12 Years
 - Total Covid Layoffs - Zero
- Completed over 5,700 Projects
 - 50 States
 - 5 Canadian Provinces
 - 12 Countries
- Sales & Operations Remain Integrated – Before, During & After the Project
- Project Value Range:
 - \$1,000 to \$5 Million
- Frontline has Evolved through RSI, IAS and now Frontline Global Services, Inc.
- IAS Canada (after Can-Ak was dissolved) has been Integrated into Frontline





Typical Project Team

- Account Manager (Technical Sales)
- Project Manger
- Project Superintendent
- Project Technicians





Frontline is Service-Only

- Frontline does not sell or market items that are not integral to a services project.
 - i.e., We do not Sell Things
 - We Sell Turnkey Services and (Occasionally) Provide “Things” to Support the Project
 - Such as Oil, Coolants, Diesel Fuel, Chemicals, Equipment, etc.
- Frontline Strives for Repeat and Referral Business – Not “One-Time Wins”
- Our Technology & Techniques Provide the Basis for Successful Projects





Customer Coordination Hallmarks

- Common Best Practices throughout Organization
- Attention to Plant/Location Specific Desires
- Establish a Central Standards & Expectations
- Frontline to Visit and Understand Each Project Site's Specifications – No Charge
- Work to Provide Results-Oriented Successes:
- Safe, Effective, Efficient Service Offerings
 - Cost Savings
 - Standardized Special Pricing
 - Highest Level of Reliability & Uptime

