



# ***Optimize Industrial Efficiency: Advanced Oil Purification Solutions***



Industrial Lubricant Purification Service  
• Oil Based

***Cleaner Oil. Smarter Savings.  
Stronger Performance.***



# Agenda



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# Revolutionizing Industrial Oil Longevity

If your facilities generate significant quantities of industrial waste oil, you can unlock substantial cost savings—up to 50% compared to purchasing new oil alone—by adopting our comprehensive recycling program.

- Oil never loses its lubricating characteristics, however with use, oil becomes contaminated with particulates, water, and other impurities that can degrade its quality.
  - This leads to increased friction, overheating, and wear in machinery. This is where oil purification steps in as an indispensable process.

<i>Industries Served</i>	Energy, Manufacturing, Agriculture, Construction, Logistics, Natural Resource, Aerospace,
<i>Technology</i>	Cutting-edge, automated systems
<i>Market Reach</i>	Global

This service is brought to you by a leading manufacturer of fluid mitigation equipment, Industrial Fluid Systems (IFS), now offering a flexible service model tailored for industrial businesses seeking professional grade oil exceeding manufacturers ISO cleanliness standards.



# *Benefits of Our Service*

## *Direct Cost Savings*

Improved oil quality reduces the need for new oil purchases, delivering direct financial savings.

## *Less Purchase on Virgin Product*

By reusing and purifying oil, businesses can significantly reduce the need for purchasing new virgin oil, lowering costs and supporting sustainable practices.

## *Indirect Cost Savings*

By reducing wear and tear on machinery through cleaner oil, companies save on **operational inefficiencies** and **unplanned expenses**.

## *Production Down Time*

Clean oil extends equipment performance, minimizing unexpected breakdowns and keeping production lines running smoothly

## *Less Spend using Purified oil*

The cost of purified oil means fewer virgin purchases are necessary, and is generally 20~40% less than that of virgin oil, and is less subject to market volatility

## *Less Disposal Cost*

Purification minimizes waste oil generation, reducing the financial burden of disposal, every gallon purified is a savings to your bottom line.

## *Equipment & Hardware Replacement*

Prolong the lifespan of critical equipment by ensuring oil remains contaminant-free, delaying costly replacements.

## *Maintenance Labor*

Eliminating breakdown repairs translates to lower maintenance costs and reduced labor hours.

# SUSTAINABILITY SOCIAL IMPACT

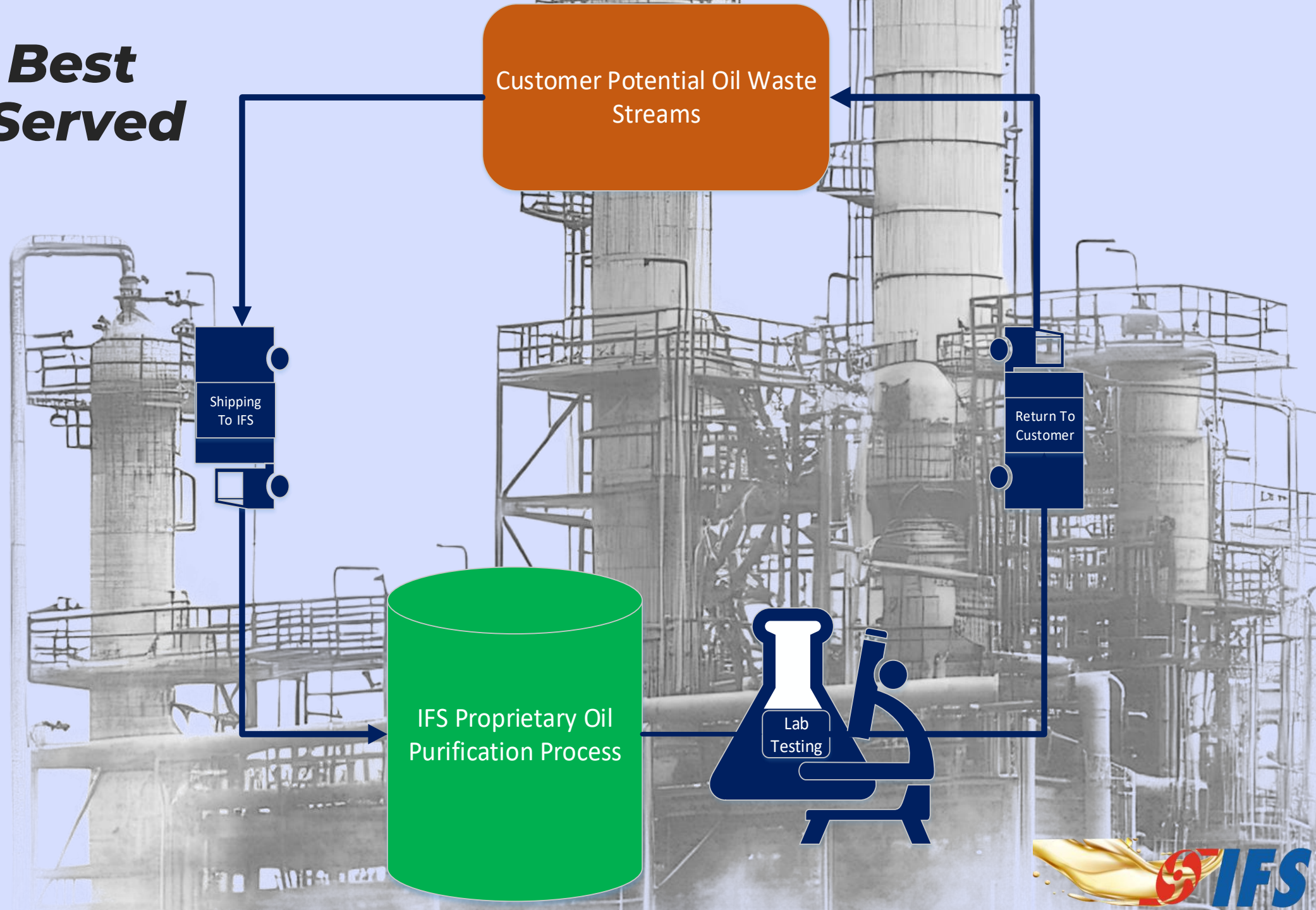
Optimizing the use of natural resources





# Process & Best Products Served

- ☐ Hydraulic Oils
- ☐ Cutting Oils
- ☐ Honing oil
- ☐ Mill Oil
- ☐ Quench Oil
- ☐ Calibration Oil
- ☐ Stamping Fluids
- ☐ Forming Fluids
- ☐ Rust Inhibitors
- ☐ Transformer Oil
- ☐ Heat Transfer Oil
- ☐ Grinding Oil
- ☐ Compressor Oil



# Clean Results: Before & After Oil Purification



PARTICLE COUNT	ISO CODE (2)	24/24
	NAS 1638 Class	12
	ISO CODE (3)	25/24/24
	SAE AS4059 cpc	12
	4 Micron	161018.3
	6 Micron	140174.3
	14 Micron	114094.3
	21 Micron	87925.1
	38 Micron	11348.3
	70 Micron	10.0

PARTICLE COUNT	ISO CODE (2)	16/13
	NAS 1638 Class	9
	ISO CODE (3)	20/16/13
	SAE AS4059 cpc	10
	4 Micron	5114.9
	6 Micron	479.0
	14 Micron	52.1
	21 Micron	23.3
	38 Micron	5.3
	70 Micron	0.6



# Virgin Oil vs. Purified Oil: A Clear Difference in Quality and Performance

Virgin AW 46	
ISO CODE (2)	18/13
NAS 1638 Class	10
ISO CODE (3)	20/18/13
SAE AS4059 cpc	10
4 Micron	6408.1
6 Micron	1367.4
14 Micron	79.7
21 Micron	16
38 Micron	1
70 Micron	0.1

Used AW46 – Post Purification Process	
ISO CODE (2)	12/10
NAS 1638 Class	8
ISO CODE (3)	15/12/10
SAE AS4059 cpc	7
4 Micron	181.9
6 Micron	35
14 Micron	8.6
21 Micron	5.4
38 Micron	0.9
70 Micron	0.0

**Third-Party Lab Results Prove Our Process Surpasses Manufacturer Cleanliness Specifications**

# Cost Saving Projections

## - Based on Historic Data

### Savings Projections

Leveraging historic data, our cost-saving projections demonstrate the financial impact of oil purification across various industrial operations.

### Historical Data

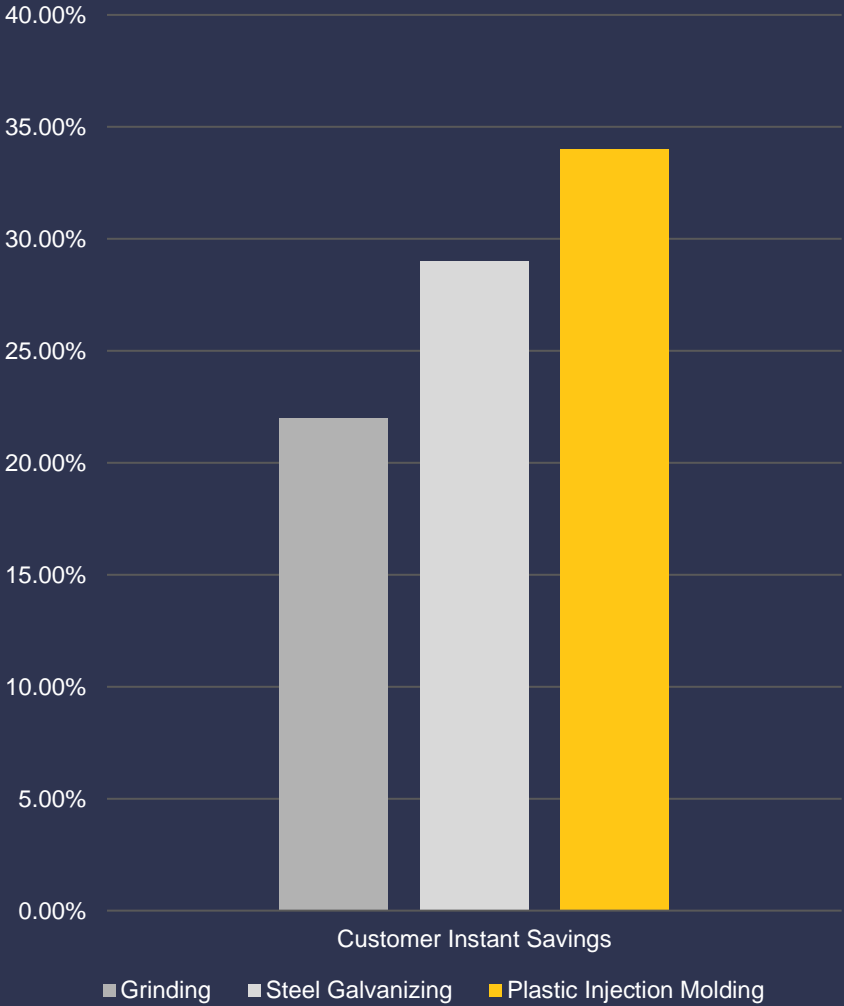
Historical performance shows that customers have achieved an average of 30% cost savings, demonstrating the substantial financial benefits of our oil purification across industrial sectors.

Industry Served	
Cumulative Yearly Cost Savings	\$1.1 million
Yearly Gallons Recycled	354,000+

Oil Purchased Quantity (Gal)	330
Purchased Oil Price / Gallon	\$ 9.50
Oil Processing Cost	\$ 5.50
Filter Element	\$ 74.99
Waste Disposal / gallon	\$ 1.60
Cost of New with disposal	\$3,135.00
Purified Oil Cost Delivered	\$ 1,928.99
Customer Savings	\$ 1,206.01
Projected Cost Savings	38.47%

Request a complimentary on-site estimate today!

Historic Cumulative Savings Growth – Shown By Industry Served





# *Get Started with Oil Purification*

## ■ *Oil Sampling*

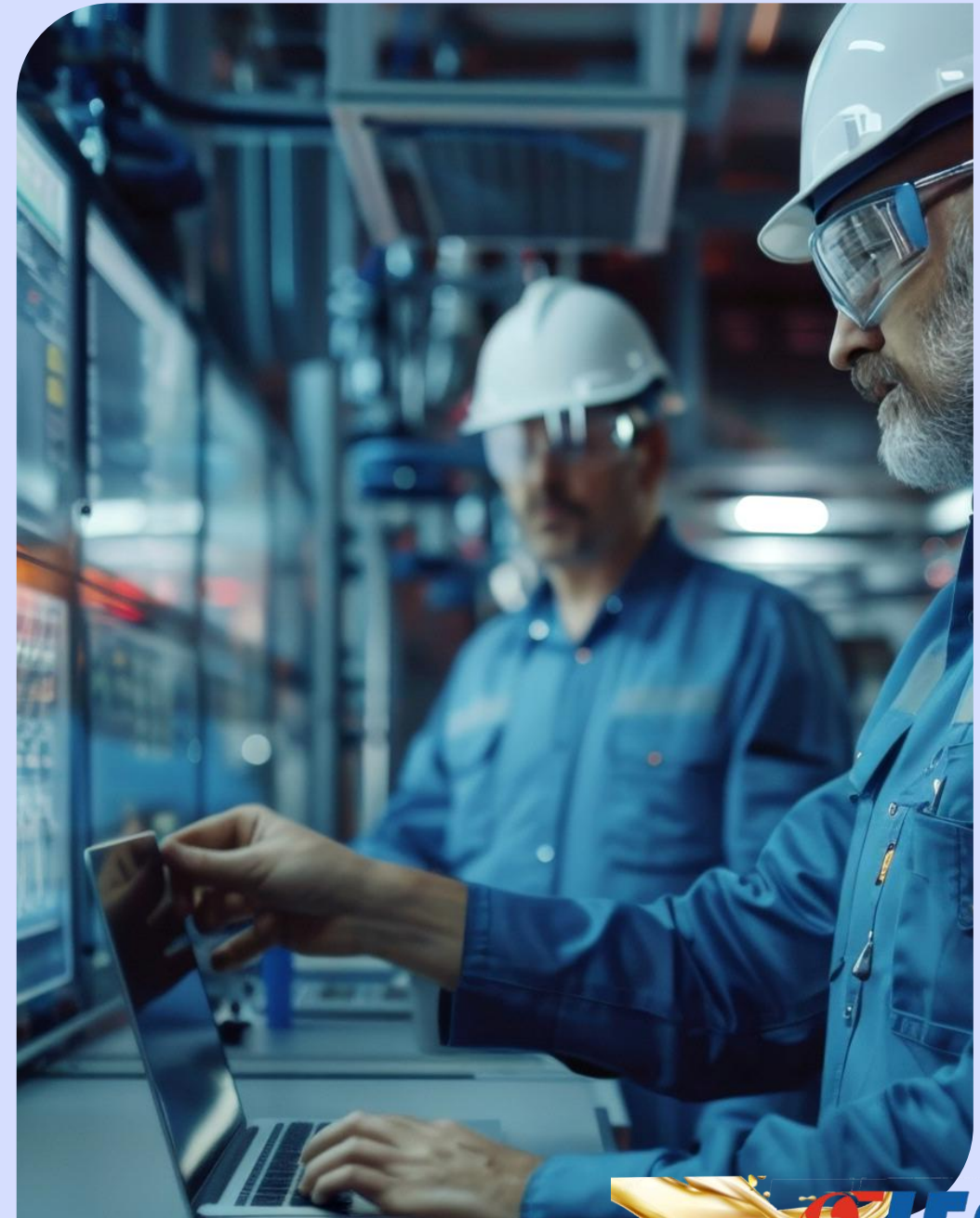
Accurate oil sampling is the first step in understanding your equipment's needs. Our experts analyze your oil to determine contamination levels, viscosity, and other critical factors, ensuring optimal purification strategies tailored to your operations. 5 Gallon Minimum.

## ■ *On-Site Oil Collection*

We work with your team, to establish an isolated collection process, segregating the oil for removal, and ensuring you can accumulate a preferred minimum of 3-4 IBCs (Intermediate Bulk Containers) for transport readiness.

## ■ *Logistics & Scheduling*

Flexible scheduling and efficient logistics are at the heart of our service. We work around your operational hours to minimize disruption, ensuring timely pickups and deliveries to meet your production demands. The customer is welcome to arrange deliver/pick-up the oil for purification.





[www.industrialfluidsystems.com](http://www.industrialfluidsystems.com)



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***Thank you for this opportunity!***



Oil Purchased Quantity (Gal)	1000
Purchased Oil Price / Gallon	\$ -
Oil Processing Cost	\$ -
Filter Element	\$ -
Waste Disposal / gallon	\$ -
Cost of New w/ Disposal	<b>\$0.00</b>
Purified Oil Cost Delivered	\$ -
Customer Savings	\$ -
Projected Cost Savings	<b>0.00%</b>

***Onsite Estimate for your Oil Purification***