

fluent®

The Ultimate Oil Filtration Solution

Boost Plant Productivity with **fluent®**



1

Almost 100% uptime

2

Substantial increase in component life

3

Remarkable reduction in wear and tear

4

Multiple times increase in oil life

5

Reduction in carbon footprint

Metal Industry



Cement Industry



Power Plant



Automobile/Engineering



Petroleum/Petrochemicals



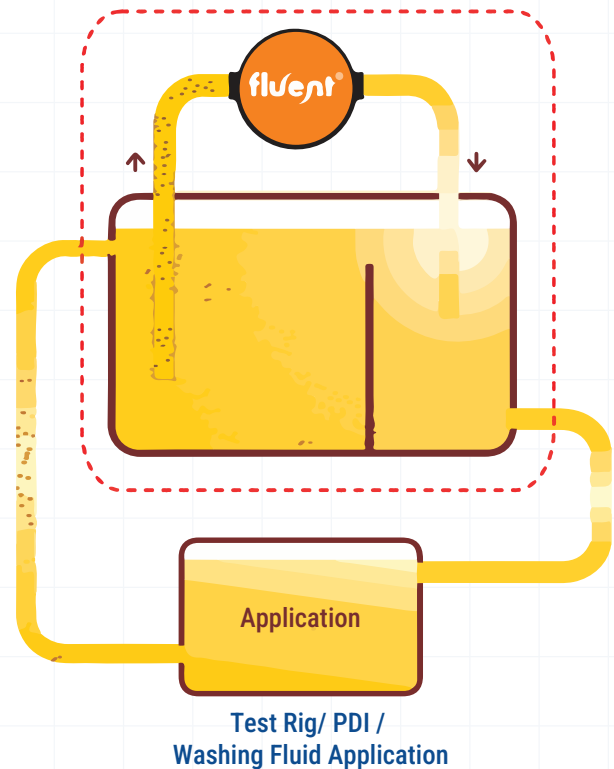
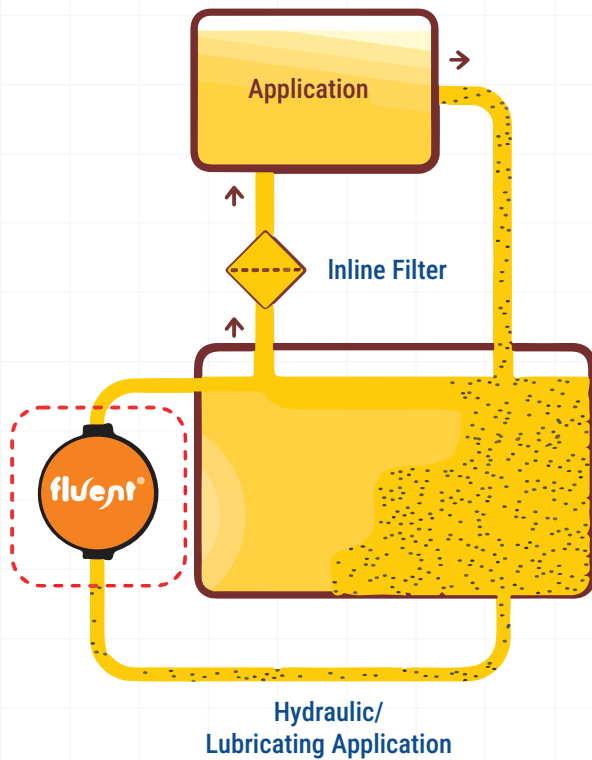
TOWARDS A GREENER EARTH THROUGH CLEANER OIL



THINK FILTRATION, THINK FLUENT

Clean oil is the key to superior plant productivity. So when it comes to achieving and maintaining desired oil quality, VATS FLUENT is the natural choice. The FLUENT range comprises high-performance Oil Filtration machines that are perfectly suited for all your Hydraulic and Lubricating systems, whatever the tank size.

fluent® The Ultimate Filtration System



COMPARATIVE MEDIA PERFORMANCE

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Media Properties	Glass Fiber Cartridge	Electrostatic	Paper Wound	Centrifuge	FLUENT With LUCIDA Media
Cleanliness	Excellent < NAS 4	NAS 7	NAS 8	NAS 10	Excellent < NAS 4
Water Removal	Does Not Remove	Can't Work With Moisture	Possible By Consuming Media	Free Moisture Separation Possible	Maintains Dissolved Moisture < 200 ppm
Viscosity Range	1- 600 cst	1-100 cst	1-100 cst	1-100 cst	1-1000 cst
Mineral/Synthetic Oil	Yes	Yes	Yes	Yes	Yes, For All Fluids With Same Element
Glycol-Water, Phosphate Ester	Yes	Does Not Work	Can't Use Same Element	No	Yes, For All Fluids With Same Element
Dirt Holding Capacity	Very Low	Moderate	Moderate	No	Very High
Operating Cost	Very High	Moderate	Moderate	High	Very Low
Capital Cost	Low	Moderate	Moderate	High	Lowest
Overall Performance	Good	Average	Average	Average	Excellent

Optimized Systems For Test Rig & PDI Oils

- ☐ Transmission ☐ Hydraulic component
- ☐ Engine ☐ Gear ☐ And many more

Effective Systems For

- ☐ Washing Fluids ☐ Neat Cutting Oils
- ☐ Antirust Oils ☐ And many more



Systems Offered for,

- Viscosity: 1, 8, 22, 32, 46, 68, 100, 150, 220, 320, 460, 680, 1000 cst
- Contamination Control: ISO 12/10/07 (NAS 1), ISO 15/13/10 (NAS 4), ISO 17/15/13 (NAS 7)
- TAN Reduction & Control: up to 0.1 mg KOH/lit
- Flame Proof Variant
- Moisture Control: 5, 50, 100, 200, 500 ppm
- Varnish Reduction & Control
- Tank size from 200 to 1 Lakh + Lit.

fluent[®]
OPTIMA



fluent[®]
MAGNA



fluent[®]
HVDH / TCF



fluent[®]
TOTAL



fluent[®]
SENTINA

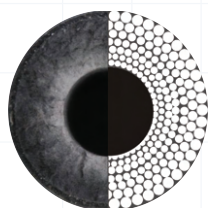


fluent[®]
PRIMA



Filter Element Manufactured by VATS: **LUCIDA**[®]

VATS G2D (Graded density depth) filter Technology



LUCIDA[®]
Elements & Spin-on Cartridge



Particle Size Counter
FCM004



Patch Test Kit



WE MAKE OUR OWN FILTERS[®]



ABOUT VATS



We take this opportunity to introduce ourselves as specialists in 'Filtration Technology' with more than 25 years of experience. VATS pioneered the manufacturing of Resin Bonded Depth filters, and introduced the unique G2D, (Graded Density Depth) Filter for the most precise and effective oil filtration applications. We provide cost effective filtration solutions for various applications such as Coalescer, TAN Removal, Varnish Removal, Grease Separation, Soot Removal, Moisture Absorber, and many more.

Get In Touch With Us To Get The Best Possible Solution

1

QUALITY IMPROVEMENT
AT PRESENT COST.

2

SAME QUALITY
AT LOWER COST.

3

QUALITY IMPROVEMENT
AT LOWER COST.

VATS Offers On-site Services Like

- Oil Purification: Case to case basis (one time)
- Oil Purification: Annual contract (per lit per year basis)
- Oil Purification: Annual contract with dedicated equipment 24×365 quality commitment
- Oil Flushing: For new commissioned equipment/ maintenance for desired degree of cleanliness

With a strong vision about utilising every single drop of oil to its fullest, VATS is committed to provide cost effective oil management solutions. We support the reutilisation of oil, helping conserve this valuable natural resource. Finding the perfect combination of filter and machine, VATS always gives the best solutions for every possible application.

VATS has saved more than 7 million liters of oil so far. We invite you to take a step toward a 'Green Earth' and work together to ensure a healthier environment for future generations.



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Channel Partner:



Scan for website



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