



Achieve Highest Productivity With 100% Uptime
Continuously Maintains Desired Oil Quality (NAS/ISO)
During Operations



Benefits Of Clean Oil

1

Almost 100% uptime

2

Remarkable reduction in wear & tear

3

Substantial increase in component life

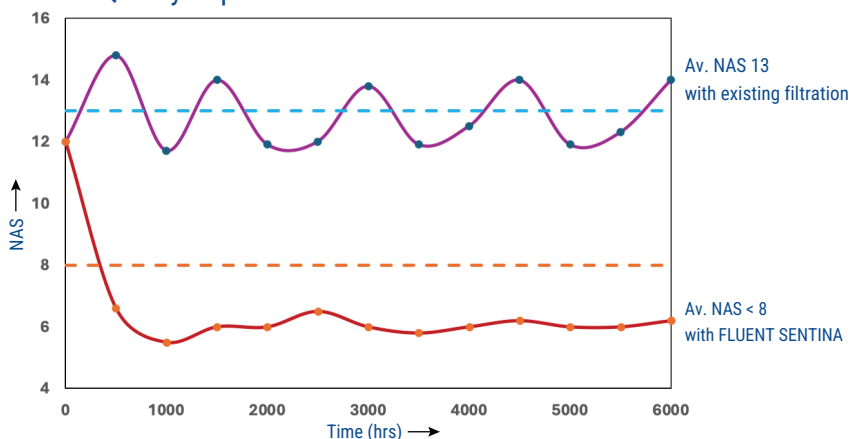
4

Multiple times increase in oil life

5

At the time of oil replacement entire oil in the equipment is of desired NAS/ISO quality

Quality Improvement With FLUENT SENTINA



* Actual Mining Field Collected Data During Trials

5-15 μ Particles in 100mL Oil

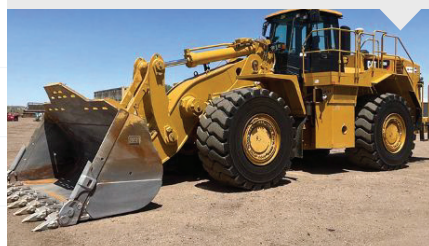
NAS 12 → **NAS 8**
10,24,000 → 64,000

93.75% Reduction In Particles

Dumper



Loader



Motor Grader



FLUENT SENTINA - Features

1

Easy to install on equipment.

2

Compact in size.

3

Operates with existing system pressure.

4

G2D Cartridge for long life.

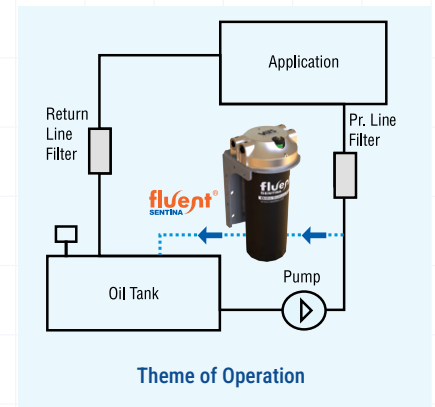
5

Maintains oil quality better than barrel fresh oil i.e. < NAS 8, throughout the operation.

Hydraulic Oil / Transmission Oil

FLUENT SENTINA is The Ultimate Solution for Off-Highway Vehicles (Mining and Construction equipment) for Hydraulics and Transmission system.

	Product Code (A)	Pump Capacity		Product Code (A)	Pump Capacity
Hydraulic	FLUENT SENTINA 15 H F8	200 L ^{(B)(C)}	Transmission	FLUENT SENTINA 04 T F8	40 L ^(C)
	FLUENT SENTINA 30 H F8	400 L ^{(B)(C)}		FLUENT SENTINA 08 T F8	80 L ^(C)
	FLUENT SENTINA 60 H F8	800 L ^{(B)(C)}		FLUENT SENTINA 12 T F8	120 L ^(C)



F8 = NAS 8 / (ISO 17/14)

(A) All quality options available from NAS 10 (ISO 19/16) to NAS 4 (ISO 13/10)

(B) Tank size is assumed to be 60% of total system oil volume.

(C) Higher capacity models available on request.

For Your Workshops

- Filling station with NAS quality for hydraulic & transmission oils.
- Filtration of engine oils and coolants.
- Diesel filtration unit for (1) Diesel storage tank (2) For equipment filling / dispensing with NAS and moisture control.



(Install | Operate | Test | Assure): Leave the entire responsibility to us with 100% commitment



Installation & commissioning.



Periodic oil quality testing.



Chemical analysis (NABL lab) enabling call for oil replacement.



Periodic filter replacement.



On site supervision.



Data management with online report.



All these with fixed ₹ /month basis.

VATS Products

fluent[®]
OPTIMA



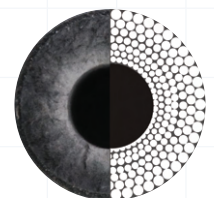
VATS Particle Counter
FCM004



LUCIDA[®]
Elements & Spin-on Cartridge



VATS G2D (Graded density depth) filter Technology



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Channel Partner:



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TOWARDS A GREENER EARTH THROUGH CLEANER OIL



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