FMS-25-SP
POINT OF USE TOP PORTED FILTER

ULTRA CLEAN OIL MAXIMUM PERFORMANCE

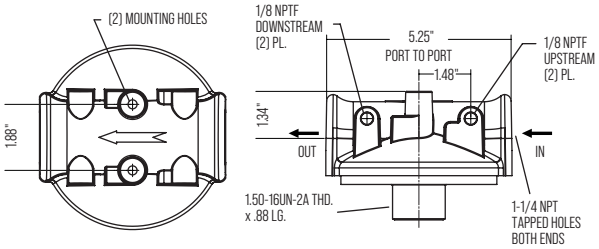
Particle contamination is the primary cause of hydraulic system failures. More than 80% of component wear is generated by particles, with abrasive wear accounting for approximately two-thirds of that total.

Operating with particle-contaminated oil is equivalent to sandblasting the interior of your hydraulic systems under high pressure. Particle contamination deteriorates metal surfaces and directly impacts hoses and seals, leading to leaks, system failures, reduced load capacity, production losses, and increased workplace safety risks.

THE HIGHEST BETA RATIO* AVAILABLE ON THE MARKET.

Beta 4>4193 *CONTAMINATION REMOVAL EFFICIENCY

As expert consultants, we assess your current condition and develop a contamination control strategy tailored to your specific needs, helping keep your operation within the optimal ISO 4406 cleanliness standard.



LOWER maintenance costs

DECREASE in failure and downtime

MORE machinery uptime

LOWER production costs

LOWER equipment replacement costs

LOWER total fluid costs

FMS FILTRATION BENEFITS

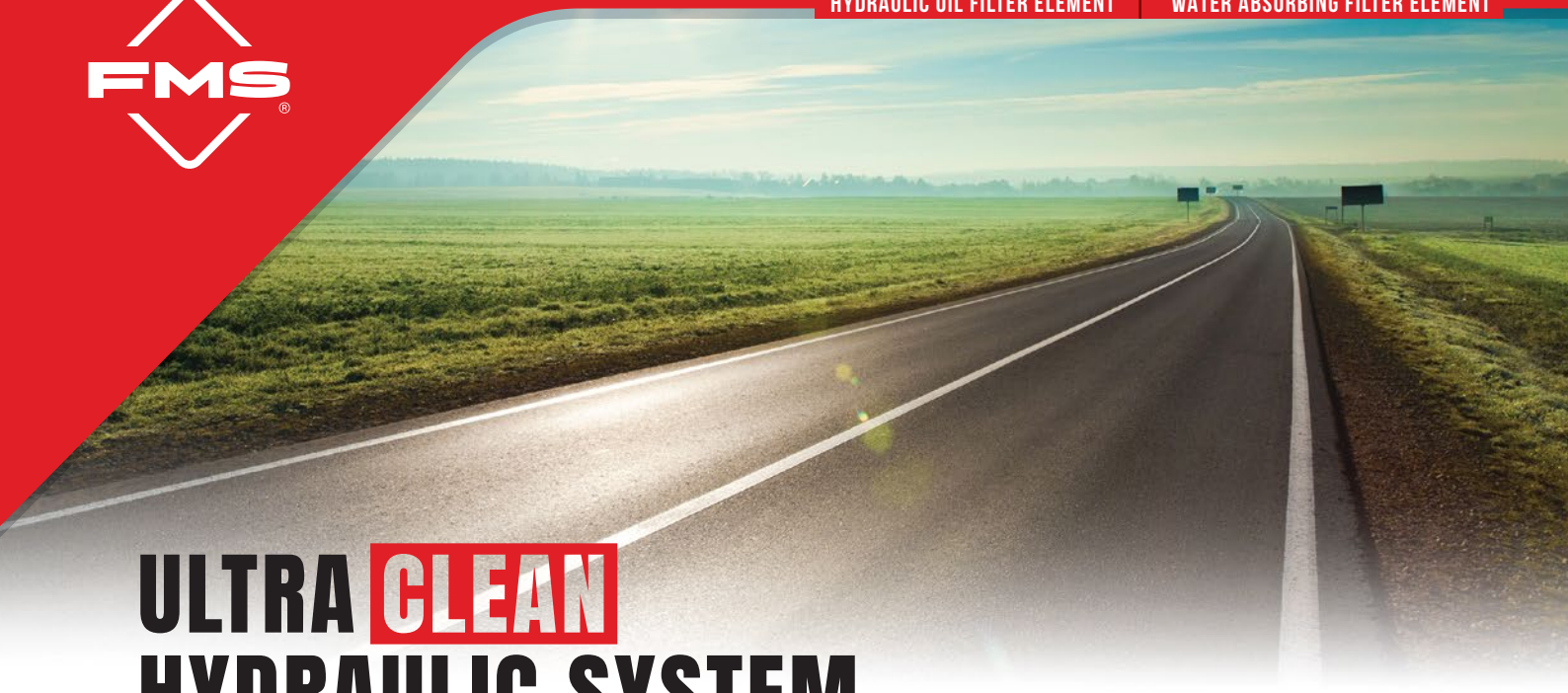
HOUSING TECHNICAL SPECIFICATIONS

Max. Flow per Housing	25 gpm
Porting	1 ¼" NPT
Additional Ports	4 x 1/8" NPT (2 X US & 1 DS)
Filter Element Options	FMS-1/25-P, FMS-3/25-P (particulate)
	FMS-W25-A (absorbing)
Max. Operating Pressure	100 psi (7 bar)
Min. Yield Pressure	150 psi (10 bar)
Temperature Range	-20°F to 225° (-29°C to 107°C)
Bypass Setting	30 psi (2 bar)
Porting Base	Cast Aluminum
Element Case	Steel
Element Change Clearance	2.5" (65 mm)
Weight	5 lbs (2.3 kg)

DOUBLE GREEN

FMS-1/25-P
HYDRAULIC OIL FILTER ELEMENT

FMS-W25-A
WATER ABSORBING FILTER ELEMENT



ULTRA CLEAN HYDRAULIC SYSTEM

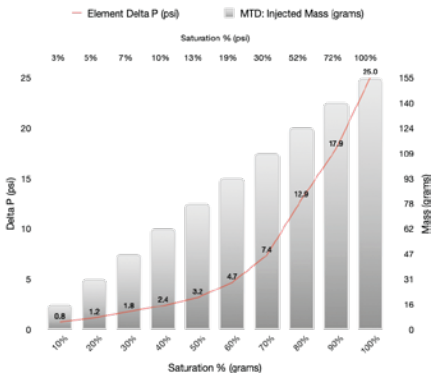
PARTICLE RETENTION

WATER ABSORBING

THETA 4>4310 SINGLE PASS TEST

	ISO CODES	PARTICLES 4 µm	6 µm	14 µm
Reservoir Contaminant Level	22/21/18	31898	14071	542
Average Cleanliness at Downstream	10/8/6	7.4	1.7	0.34

ELEMENT TECHNICAL SPECIFICATIONS

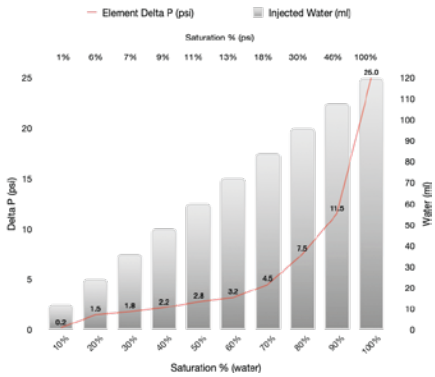


FMS-1/25-P

Efficiency	Beta 4>4193 (ISO 16889:99)
DHC	310 gr (MTD)
Recommended Flow	4 gpm
Dimensions	10x5x5"
Weight	ND lbs
Housing	FMS-25-BP

FMS-W25-A

Efficiency	95%
WHC	1000 ml
Max. Flow	40 gpm
Recommended Flow	25 gpm
Dimensions	10x5x5"
Weight	ND lbs
Housings	FMS-25-BP



Optimum hydraulic system performance requires more than selecting the right oil. It also depends on following best maintenance practices and implementing an effective contamination control strategy to maintain a clean operating environment. FMS filtration systems provide superior fluid cleanliness, reducing particle contamination to a level where it is no longer a risk factor for component failure throughout the hydraulic system.

Water and emulsions cause up to 15% of power loss, thus up to 15% increase in fuel consumption. All ISO 4406 contamination control plans must contemplate water and emulsions with SAE J1488 certified systems.

SCAN TO VISIT OUR WEBSITE

FILTER CERTIFIED EFFICIENCY ISO 16889 CERTIFIED

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