



FMS-HFS-4

HYDRAULIC OIL KIDNEY LOOP

NFPA/T2/6/1
BURST & FATIGUE RATING

ISO 3968
Pressure Drop vs Flow

ULTRA CLEAN OIL MAXIMUM PERFORMANCE

Particle contamination is the main cause of hydraulic system failures. More than 80% of component wear is particle-induced, with abrasion wear accounting for two-thirds of that figure.

An operation that runs with particulate contaminated oil is just like sandblasting the insides of their hydraulic systems. Particle contamination deteriorates metallic surfaces and directly impacts the hoses and seals, leading to leaks, system failures, loss of haulage, diminished production and creates a possible work hazard with increased risk of accidents.

As expert consultants, we at FMS evaluate your current condition and design a contamination control strategy, according to your specific needs, to keep your operation within the optimum ISO 4406 standard.

LOWER equipment
replacement
costs

LOWER
maintenance
costs

DECREASE in
failure and
downtime

LOWER
total fluid costs

MORE
machinery uptime

LOWER
production costs

BENEFITS

**HIGHEST BETA RATIO
CONTAMINATION REMOVAL
EFFICIENCY IN THE MARKET**

Beta 4>4194



DOUBLE
GREEN

HOUSING TECHNICAL SPECIFICATIONS

Flow Rating	4gpm (15.14 L/min) max
Bypass Opening	25 psi (1.7 bar)
Elements Options	FMS-1/25-P, FMS-3/25-P (particulate) FMS-W25-A (absorbing)
Hose Pressure Rating	30 psig (2.0 bar) @ 150°F (65.6°C) Full vacuum @ 150°F (65.6°C)
Fluid Temperature	25°F to 150°F (-4°C to 65°C)
Hydraulic Oil Sump	100 gls (21/20/16 down to 15/13/10 in 60 min)
Maximum Viscosity	1,600 SUS (350 cSt)
Voltage	120V, 1 Phase, 60Hz 230V, 1 Phase, 60Hz (50Hz optional)
Seal Material	Buna N
Weight	55 lbs
Compatibility	All petroleum based hydraulic fluid. Contact factory for use with other fluids.



FMS-1/25-P
PARTICULATE ELEMENT

FMS-W25-A
WATER ABSORBING ELEMENT

100% SYNTHETIC MEDIA

ULTRA **CLEAN** HYDRAULIC SYSTEM



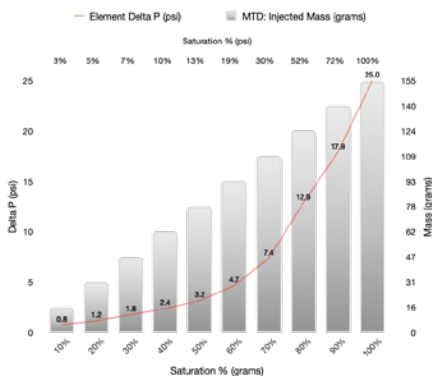
**DIRT
REMOVAL**



**WATER
ABSORBING**



ELEMENT TECHNICAL SPECIFICATIONS

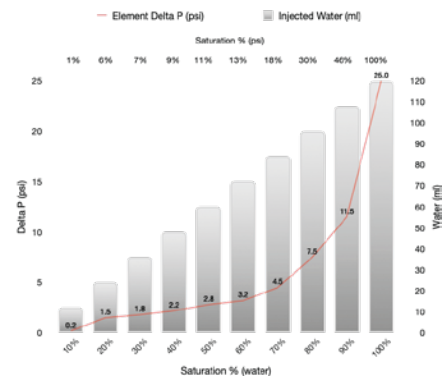


FMS-1/25-P

Efficiency	Beta 4>4194
DHC	155 grams (MTD)
Max. Flow	50 gpm
Recommended Flow	25 gpm
Dimensions	10x5x5"
Weight	4.5 lbs

FMS-W25-A

Efficiency	95%
WHC	1000 ml
Max. Flow	40 gpm
Recommended Flow	25 gpm
Dimensions	10x5x5"
Weight	4.5 lbs



SCAN TO VISIT OUR WEBSITE



FMS INTERNATIONAL INC.

580 W Park Rd Leetsdale,
PA 15056
USA

+1 724 340 4210
info@fms-filtration.com
fms-filtration.com