



FM3004 Engine Oil Filtration Unit



FM3004 Engine Oil Filters are suitable for use on:

- lubrication systems 100–200 litres (22–44 gals)
- hydraulic systems 400–800 litres (88–176 gals)
- used in multiples on larger hydraulic machines
- crusher lubrication tanks
- recycling buggies
- larger marine engines

Filter Technology engine oil filters are a by-pass unit. There are three basic considerations when installing Filter Technology engine oil filters:

- Mounting location.
- Oil pressure source.
- Oil return points.

FM3004 filters include 4 elements and:

- 3 x 3/4" UNO female threads for inlet and outlet and pressure gauge or drain.
- 4 x 1.5 mm (1/16") holes in the 10 mm (3/8") return tube which controls flow in engines, or 4 x 6 mm (1/4") holes which controls flow in hydraulics.

FM3004 Flow Rates

Line in pressure		Line out flow	
bar	psi	L/min	gals/hr
1.38	20	3.50	46
2.07	30	5.00	66
2.76	40	6.60	88
3.45	50	7.50	100
4.14	60	8.50	113
4.83	70	10.00	133
5.52	80	12.00	166
6.21	90	13.00	173
6.89	100	15.00	200

Dimensions	Metric	US
Height	875 mm	35"
Diameter	127 mm	5.0"
Weight	8.5 kg	19 lb
Maximum Pressure	5.52 bar	80 psi
Rec. Operating Pressure	1.38-4.14 bar	20-60 psi