



**FILTER  
TECHNOLOGY**

cleaner fluids mean better business

**EQUIPMENT SPECIFIC INSTALLATION**



**FM40225 Bypass Filtration System**

**Hydraulic System, Joy Underground Miner**

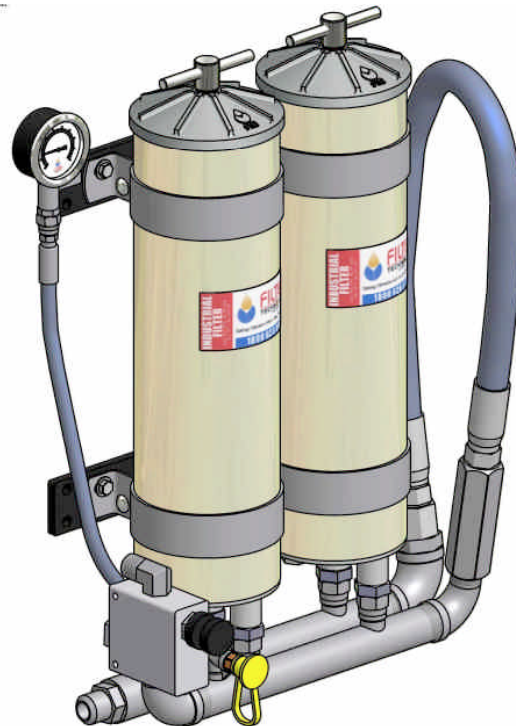
**FM40225 Bypass Filtration System :-**

- 2 x FM3202 Filter Housings in parallel
- 2 micron particulate filtration
- Removes up to 2% moisture
- Flow control valve on inlet
- 5 Bar relief
- Housing Pressure Gauge
- Live Sample Valve ( prior to filters )

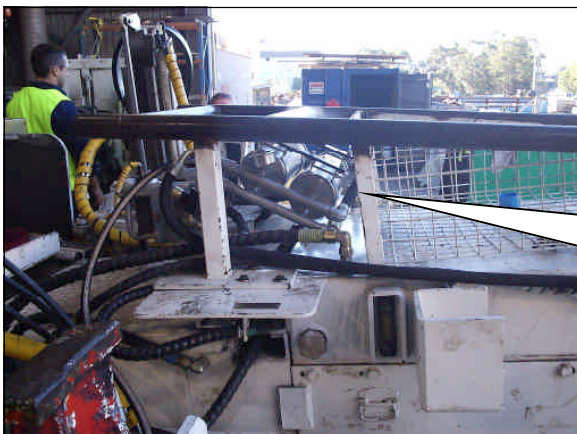
**Suitable for :-**

Filtration of pressurised oil circuits on most fixed and mobile plant applications. Flow rate depends on oil viscosity and temperature, typically as follows :-

ISO Grade	L/Min @ 40°C
46 / 68	5.5
220 / 320	3.8
680	2.0



Operating Specifications	Metric	US
Supply Pressure ( Min. )	5 Bar	75 psi
Supply Flow ( Min. )	6 L/Min	1.6 gal.
Housing Operation Pressure	3.0 Bar	45 psi
Pressure Drop ( DP ) - clean elements	2.5 Bar	37 psi
Change elements at	4.0 Bar	59 psi
Housing Relief Pressure	5 Bar	75 psi
Supply Oil Pressure Managed By	Pressure Compensated Flow Control Valve	
Filter Element Description	Depth Media Filter Element, Cellulose Paper Construction	
Replacement Filter Element Kit Part No.	FM21043	
No. of Filter Elements Kits to Service Unit	1	



Typical installation of FM40225 on the hydraulic system of an underground continuous miner.