

# DTF Drum Top Filter Unit

## 1 GPM Flow Rate · High Viscosity Fluids



Our **Drum Top Filter Unit** sits securely on top of a 55 gallon drum. It is constructed with strong, powder coated steel, all welded frame. Our **DTF Filter Unit** is the ideal filtration system for recirculation or transferring fluids in and out of a 55 gallon drum.

The **DTF Filter Unit** is ideal for high viscosity lubrication and hydraulic oils. It can be used for filtering new fluids during transfer and replenishment, as well as filtering fluids currently in service. The two stage filtration offers the advantage of removing both particulate and water contamination.

The **DTF Filter Unit** includes sampling ports on the inlet and outlet connections to provide ISO Code comparisons. This will allow you to meet your target ISO Cleanliness Codes and prolong the life of your equipment and fluids.

### Advantages:

- BETA 1000 Rated Filter Elements per ISO 16889 Standards
- Water Removal Filter Elements
- Low Center of Gravity
- ISO Viscosity Range of ISO 22 to ISO 320

### Features:

- 1 GPM Flow Rate For High Viscosity Fluids\*
- 3/4" NPT Connections
- Powder Coated Steel, All Welded Frame\*\*
- 25 PSID By-pass Setting Standard
- 2 Stage Filtration
- Differential Pressure Indicators
- Sample Ports
- Lift Handle

\* 5 GPM Option Available

\*\* Aluminum Frame Option is available



Micron Rating	SSU Chart			
	PSID			
	5	10	15	20
1µm Microglass	2,323	4,646	7,000	9,292
3µm Microglass	3,305	6,610	9,915	13,220
6µm Microglass	4,062	8,124	12,186	16,248
12µm Microglass	7,199	14,398	21,597	28,795*
25µm Microglass	7,654	15,307	22,961	30,614*
25µm Water Absorbing	6,795	13,590	20,386	27,180*

\*Manufacturer's maximum recommended viscosity is 25,000 SSU  
Calculations above are based on filtering ISO320 @ 1 GPM at the desired PSID.  
Effective filter sizing requires consideration of flow rate, viscosity (operating and cold start), fluid type and degree of filtration. When properly sized, bypass during cold start can be avoided/minimized and optimum element efficiency and life achieved.



Sample Ports



Differential Pressure Indicators

New oil is clean? On average, new oil delivered from a drum has a cleanliness level of ISO Code 22/21/19. Water content from new oil averages 200 to 300 PPM.

