



DTF Drum Top Filter Unit

1 GPM Flow Rate | High Viscosity

Our **Drum Top Filter Unit** sits securely on top of a 55 gallon drum. It is constructed with a strong, powder coated steel, all welded frame. The **DTF Filter** Unit is the ideal filtration system for recirculating 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 filter 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.



Standard 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 Available

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

Is your new oil "clean"?

To avoid the risk of contamination, it is recommended to filter all new oil prior to entering your system. 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.

SSU Chart				
Micron Rating	PSID			
	5	10	15	20
1µm Micro Glass	2,323	4,646	7,000	9,292
3µm Micro Glass	3,305	6,610	9,915	13,220
6µm Micro Glass	4,062	8,124	12,186	16,428
12µm Micro Glass	7,199	14,398	21,597	28,795*
25µm Micro Glass	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



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