

SELECTING THE RIGHT DAHL FILTER



Selection By Flow Rate

Choose the size which can accommodate the flow rate recommended in the chart. (Maximum flow rate listed is for convenience in comparing with other systems only.) For most efficient separation and filtration, select from the recommended column.

FLOW RATES GPH (U.S.)

Model Series	Recommended	Maximum	Sump Capacity
ADF75	20	30	4 oz.
ADF10, ADF11	40	65	8 oz.
ADF20, ADF21	120	200	24 oz.

Selection By Engine

The appropriate AMSOIL/DAHL filter can also be selected by determining the horsepower of the engine or by specific engine application. This method of selection should be used secondary to the flow rate method.

BY HORSEPOWER

Up to 80 hp.....ADF75
 Up to 200 hp.....ADF10 & ADF11
 Up to 800 hp.....ADF20 & ADF21

CATERPILLAR

3208, 3304, 3306.....ADF10 & ADF11
 3406, 3408, "D" Series through 8 cyl.....ADF20 & ADF21

CUMMINS

Through 3.9L Engine.....ADF75
 Through 5.9L Engine.....ADF10 & ADF11
 Through 8.3L Engine.....ADF20 & ADF21

CUMMINS (Cont'd.)

6 cyl. Formula EnginesADF20 & ADF21
 L10, M11, N14 Series EnginesADF20 & ADF21
 855 Series EnginesADF20 & ADF21
 6 cyl. and 8 cyl. "V" Series EnginesADF20 & ADF21
 Signature 600, ISM Series Engines.....ADF20 & ADF21

DETROIT DIESEL

All Engines.....ADF20 & ADF21

MACK

E6, E7 Series EnginesADF20 & ADF21

PASSENGER CARS AND LIGHT-DUTY TRUCKS

All EnginesADF75, ADF10 & ADF11

Selection by Fuel Line Diameter

MODEL	PORT SIZE	RUBBER FUEL HOSE	SAE TUBE SIZE
ADF75	9/16-18 w/O-Ring	up to and including 5/16 fuel hose (I.D. up to .31 inches)	SAE-5 (O.D. = .31)
ADF10 & ADF11	9/16-18 w/O-Ring	up to and including 3/8 fuel hose (I.D. up to .38 inches)	SAE-6 (O.D. = .38)
ADF20 & ADF21	7/8-14 w/O-Ring	from 3/8 up to and including 5/8 I.D. fuel hose	SAE-8 and SAE-10 (O.D. = .50 and .63)

These sizes have been derived from port sizes used on the AMSOIL/DAHL unit and verified through various means. The most important factor is maintaining less than 4 feet/second fuel flow for suction side filters.