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DATA BULLETIN

AMSOIL
The First in Synthetics ®

Ea® Bypass Oil Filter

Engineered for Outstanding Oil Filtration Efficiency

AMSOIL Ea Bypass Oil Filters provide maximum filtration protection against wear and oil contamination. Working in conjunction with the engine's full-flow oil filter, AMSOIL Ea Bypass Filters operate by filtering oil on a "partial-flow" basis. They draw approximately 10 percent of the oil sump's capacity at any one time and trap the extremely small, wear-causing contaminants that full-flow filters can't remove. AMSOIL Ea Bypass Filters typically filter all of the oil in the system several times an hour, so the engine continuously receives analytically clean oil.

EaBP90 • EaBP100 • EaBP110 • EaBP120

Higher Efficiency

AMSOIL Ea Bypass Filters have an absolute efficiency of 98.7 percent at two microns. This highly efficient filter provides exceptional filtration performance, removing all the particles known to reduce engine life.

Superior Construction

AMSOIL Ea Bypass Filters have a marine powder-coated exterior and a zinc-dichromate base plate to provide excellent corrosion protection. Ea Bypass Filters feature a nitrile HNBR gasket, an orange silicone anti-drain valve and proprietary high-efficiency media.

Filter Service Intervals

Ea Bypass Filters offer long service life. Do not exceed the limits listed in the chart below.

	EaBP90	EaBP100	EaBP110	EaBP120
Mileage	60,000	70,000	80,000	120,000
Hours	600	800	1,200	1,800
Time	2 years	2 years	2 years	1 year

Increased Oil Capacity

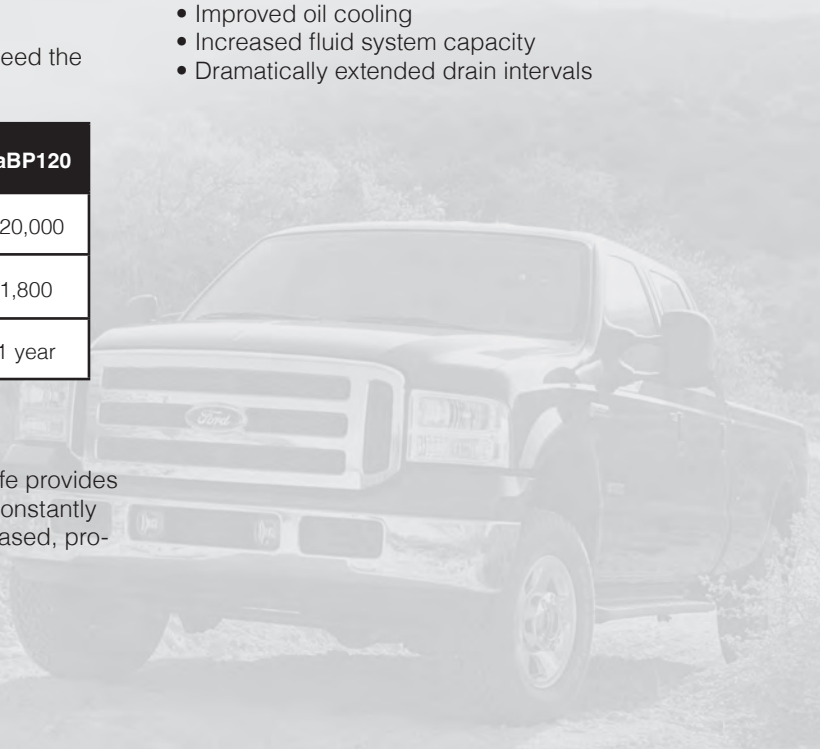
The increased fluid system capacity and filtration life provides improved oil cooling and ensures that equipment constantly runs on highly filtered oil. Engine efficiency is increased, providing extended engine life.

Soot Removal

AMSOIL has designed a high-efficiency bypass filter element that is also a soot removal device. AMSOIL Ea Bypass Filters use proprietary high-efficiency media. This media removes soot particles two microns and larger, eliminating abrasive wear from soot agglomeration.

Bypass Filtration Benefits

- Efficient small-particle and soot removal
- Equipment constantly runs on clean oil
- Increased engine efficiency
- Can significantly extend engine life
- Increased filtration capacity and life
- Improved oil cooling
- Increased fluid system capacity
- Dramatically extended drain intervals



Order by Phone 1-800-956-5695 - Give Operator Reference #5402058

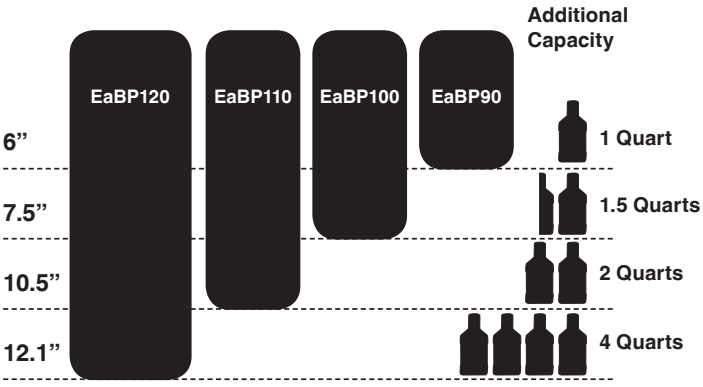
AMSOIL Bypass Filter Application Information

Type of Unit	Stock Number	Additional Oil Needed[a]	Crankcase Capacity[b]	Applications
SINGLE SPIN-ON ELEMENT (Used with BMK21 or any DUAL REMOTE SYSTEM)	EaBP90	1 qt.	Up to 15 qt.	Pleasure Vehicles, Light Trucks and Smaller Commercial Applications
	EaBP100	1.5 qt.	Up to 18 qt.	
	EaBP110	2 qt.	Up to 24 qt.	
DUAL SPIN-ON ELEMENT (Used with BMK22 DUAL-GARD®)	(2) EaBP90s	2 qt.	15 to 30 qt.	Large Trucks, Construction, Farm and Industrial Equipment
	(2) EaBP100s	3 qt.	15 to 36 qt.	
	(2) EaBP110s	4 qt.	15 to 48 qt.	
SPIN-ON ELEMENT (Used with BMK30 HEAVY-DUTY BYPASS SYSTEM)	EaBP120	4 qt.	24 to 60 qt.	Large Trucks, Construction, Farm and Industrial Equipment

a. Make sure to check oil level with engine oil dipstick to ensure proper level. This additional volume is an estimate and should be properly evaluated using the dipstick.

b. Filters can be used on sumps of larger capacity but may require more frequent replacement.

Bypass Filter Sizes



NOTES:

Learn more about bypass filtration at www.amsoil.com/bypass.

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.

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