



*The First in Synthetics®*

## Marine Dual Remote Filtration System

**BMK-18 and Adapters  
BK-195, BK-196, BK-197, BK-198**

*High-Efficiency Oil Filtration  
for Marine Applications.*



### **Product Description**

The Marine Dual Remote Filtration System (BMK-18) offers easily accessible remote mounting capability for a full flow spin-on oil filter and a spin-on style by-pass oil filter. This unique combination of both full flow and by-pass filtration on a single mounting manifold is the only system of this kind designed specifically for marine applications.

### **Performance**

The effects of marine engines running predominantly at or near full throttle after extended periods of non-activity include high operating temperatures and increased potential for wear on engine components. Dual remote filtration is a highly efficient filtering process capable of removing the vast majority of wear-causing particles which are in the 5-20 micron range. Dual remote filtration also has the ability to effectively remove particles down to one micron in size. The AMSOIL Marine Dual Remote Filtration System (BMK-18) offers a clear advantage by providing better oil filtration, increased oil capacity and longer oil and filter life. Furthermore, the BMK-18 requires a one- to two-quart oil volume increase, offering increased oil cooling capabilities. The additional hoses, fittings, filters and aluminum mount assemblies also allow the engine oil to dissipate heat more efficiently as it passes through the filtration system, extending the service life of both the engine and the engine oil. Finally, the BMK-18 by-pass filter has the ability to remove condensation and moisture from the lubrication system. Moisture typically con-

denses inside engines to combine with residual combustion gases when engines are idle or run for short periods of time, especially in humid environments. The resulting compounds strip beneficial additives from engine oil and act as corrosive substances that further degrade the engine oil and promote engine wear.

The Marine Dual Remote Filtration System is designed to be used in harsh marine environments. The hose fittings are coated with a 3 ml layer of Alumiplat™ and 1 ml of zinc and yellow chromate. This Alumiplat™ coating is 10 times more corrosion resistant than standard zinc and yellow chromate plated fittings. While standard hydraulic fittings typically survive 96 hours in the grueling ASTM B-117 Salt Spray Test, the Alumiplat™ coated AMSOIL Marine Bypass System fittings lasted over 1,000 hours. In addition, the fasteners and mounting bracket are stainless steel and the hoses are U.S. Coast Guard approved.

Depending on the boat owner's hours of use, the improved filtration of the Marine Dual Remote System, along with the use of AMSOIL synthetic lubricants, could completely eliminate oil and filter changes during a typical boating season. With marine engines located in a relatively confined and remote space within the watercraft, ease of filter access and reduced oil spillage are also significant benefits of the BMK-18.



## Applications

A large number of marine diesel engines have by-pass oil filtration systems installed by the engine manufacturer. Until now, however, this technology has not been available to smaller pleasure boats and light commercial marine applications. The Marine Dual Remote Filtration System was specifically designed for recreational and commercial marine applications that use inboard or inboard/outboard stern drive engines.

The BMK-18 is packaged in kit form, which includes the Dual filter mount, mounting hardware, hoses, hose fittings, component parts and installation instructions. In addition, adapter kits of four different sizes enable the BMK-18 to be installed on a wide variety of recreational and light commercial marine gasoline-fueled engines, including those manufactured by Chris Craft, Chrysler, Crusader, Evinrude, Johnson, Gray Marine, Mercruiser, OMC, Pleasurecraft, Universal, Volvo Penta and Westerbeke. The BMK-18 kit offers a new heavy-duty, machined aluminum adapter and retaining nut that fits on the existing oil filter mount. Each adapter kit is application specific and must be ordered separately. Consult the Marine Dual Remote Application Guide (G-2051) or [www.amsoil.com](http://www.amsoil.com) for specific applications. Adapter kits are available for the most popular filter thread sizes. When ordering the BMK-18, request one of the following adapter kits:

- BK-195 for  $\frac{3}{4}$ " x 16 thread
- BK-196 for  $\frac{13}{16}$ " x 16 thread
- BK-197 for 18 mm x 1.5 mm thread
- BK-198 for 20 mm x 1.5 mm thread



Also, for ease of installation in some applications, optional 90 degree fittings (BK-199 and BK-200) can be mounted on the filter adapter collar. These parts are also sold separately.

The AMSOIL Marine Dual Remote Filtration System represents the cutting edge of filtration technology, another example of the AMSOIL commitment to providing quality innovations that benefit consumers everywhere.

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## Specifics

Oil capacity:	1 to 2 quart increase
Corrosion resistant:	yes
External oil filter changes:	yes
Remove moisture and condensation:	yes
Ease/convenience of maintenance:	yes
Contaminant removal:	down to 1 micron

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- ***The remote mount of the BMK-18 is compatible with the new AMS-Oiler™ Oil Precharger (AMK-01). For added engine protection, install the AMK-01 to reduce dry starting which is typical of marine engines that sit idle for even short periods of time.***

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

