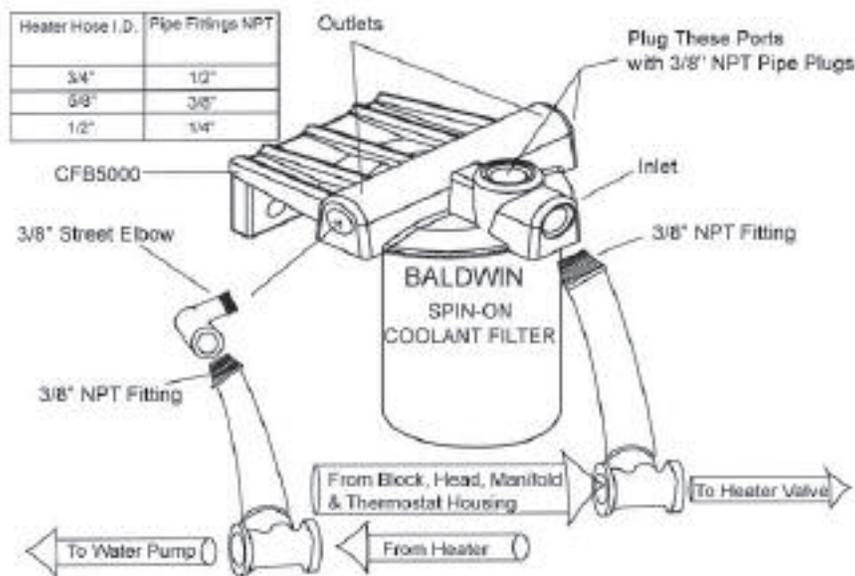


January 4, 2000

Protect Your Diesel Engine Against Cavitation Erosion

Most heavy-duty diesel engines have wet sleeve cylinder liners, which allow coolant to circulate on the outside of the cylinders to effectively dissipate heat. These wet sleeve liners are susceptible to a failure mechanism known as cavitation erosion if the coolant system is not properly maintained. Cavitation erosion occurs when vapor bubbles, which form due to the rapid side-to-side motion of the liner during the operation of the engine, implode against the outer liner wall. Cavitation erosion can damage liners in as few as 250 hours or 12,000 miles in engines operated with straight water with no supplemental coolant additive. Left untreated, cavitation erosion will eventually erode through the entire liner wall, allowing coolant to enter the lubrication system.

Baldwin Filters has a proven method to protect engines against cavitation erosion. With the proper use of Baldwin Supplemental Coolant Additives (SCAs) and filters, you can be assured that your engine is protected from the damage caused by cavitation erosion. If your application is not already equipped with a coolant filter base, the addition of the Baldwin CFB5000 according to the following diagram will allow the use of several different coolant filters depending on the requirements of the application. Please see Baldwin Form New-24 "BTE Coolant Product News" and Form 502 Baldwin Filters "Pure Performance Coolant Brochure" for additional details on SCAs and filters.



The Baldwin BW5200 controlled release coolant filter will also work with the CFB5000 coolant filter base in your cooling system. This filter is designed to release Supplemental Coolant Additives into the coolant system at the same rate that they deplete. Extensive field testing has shown that the BW5200 can maintain the proper level of Supplemental Coolant Additives in the coolant system up to 150,000 miles of service. The Baldwin BW5200 also maintains a constant rate of release up to 3,000 hours of service.

**If you have further questions,
please contact our
Service Engineering Team at (800) 822-5394.**



WARNING: These products can expose you to chemicals, including Diisononyl Phthalate, Carbon black extracts, Nickel, 1,3 Butadiene, Ethylene Oxide, Epichlorohydrin, which are known to the State of California to cause cancer, and Bisphenol-A, Ethylene Glycol, Ethylene Oxide, 1,3 Butadiene, Epichlorohydrin, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.