

From: Hemmings Jim [mailto:james.hemmings@volvo.com]
Sent: Friday, November 13, 2009 2:00 PM
To: VonKaitz Rollie; Wolf Steven; Phil Kennedy; John Impson
Cc: Drzewiecki Dave; Bogdanoff Roberto
Subject: By-pass filtration.

Gentlemen,

The filtration method I would recommend for machine L180E, serial # 9009, is more commonly called by-pass filtration. This system is fitted into a lower flow portion of the hydraulic circuit i.e. servo or cooler return, and filters the oil over a longer time frame but to a finer level. During this filtration period the machine can be operated as normal and, in fact, the more functions that are operated the cleaner the system hydraulic oil becomes. This method has no effect on machine operation and requires no external power or pumps.

Here are some links to sites that sell/service bypass systems.

<http://www.kleenoilusa.com/>

As we discussed, anyone who owns, rents or uses Volvo equipment can use the contact information below. I would prefer any other equipment owners/users to use:

jhemmings11@comcast.net

Best regards,

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