

Lagondaforum: V12 oil filter system

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Written by Peter S30 at Dec 14, 2010 9:44 am

This is a very interesting and detailed examination of the V12 oil system and conversion to full flow filtration provided by Mark and Jim Whitehead.

Here is an excerpt, so you see what it is all about, you can download the whole story with all images either as word or pdf document in the attachments:

"I was familiar with the twin oil filter system and the modification which married the two chambers together, but was intrigued by the difference between it and the illustration of it in the Instruction Book - see page no. 29 illustration no. 14. The assembly had grown in length to enclose a device at the rear end the purpose of which was not immediately visible. I therefore stripped down all five filter assemblies and in each one there was an intriguing valve and in four of them it was seized. I now refer to it as an oil flow regulating valve, its purpose being to control the oil volume to the overhead system. As this appurtenance was not shown in the Instruction Book as referred to above, it likewise was not mentioned that it required servicing and in each of four cases the valve was seized in the fully open position, allowing full oil flow at engine oil pressure to the overhead system at all speeds and in consequence the overhead gear would be flooded with oil resulting in the heavy carbonisation in the combustion chambers oiled up spark plugs and sludge in the oil pan and other problems.

I said that this device intrigued me so I set about trying to answer my own question as to why it was added as a modification and my conclusions were and are that in those days silence was very highly esteemed and that with an overhead camshaft engine the clatter from the valve gear on first starting up before oil reached them was characteristic. That was something from which that make of car the V12 was designed to challenge in the market place did not suffer, not having overhead camshafts. In those days, silence being golden, W.O. had need to give attention to any source of noise. How best to do this? The solution while intriguing was in my opinion brilliant. I carried out some experiments to prove this point, which I now explain as under..."

Attachments:

[Photo1.JPG](#) (filesize: 74.03 KB)

[V12 oil filter system.doc](#) (filesize: 1.13 MB)

[V12 oil filter system.pdf](#) (filesize: 506.38 KB)
