

Prostate in the Oil Pump

After fully restoring the 39 Series E I worked on for the last couple of years I was disappointed to find the oil pressure to be a little low. It was reading about 70psi when cold but only around 5psi when really hot. It was obviously getting oil OK but I was concerned if I struck really hot weather and hill work it might be a little short of oil around the bearings. Apart from that it was running well. After discussion around the Morris experts the probable fault would be the oil pump or wear in the cam bearings. Regarding the pump I had faced off all the surfaces turned the gears around so the worn side was not on the driving side and was pretty fussy that the clearances were correct. In actual fact the only thing not checked was the clearances in the camshaft and tunnels. I mulled this over for some time and finally said poos and wees and took the motor out. The first thing I checked was the pump. Putting some light running in oil in the sump I attached a big drill to it and started it up where the oil shot out about 4ins each side of the pump. There appears to be no information on what sort of flow should be pushed through the Morris 8 pump, but this seemed to be OK so I reluctantly stripped the motor down and took it into a motor reconditioner asking them to check the clearances in the camshaft. After their inspection they said they didn't think there was enough clearance to cause the low pressure and perhaps they should check the pump. To cut a long story short and \$400 dollars later I said poos and wees again and walked away with the reconditioned pump. Got home and gave it the drill test and the oil shot out almost outside the ends of the sump (lengthways). Now, all assembled and running so well with good oil pressure I have decided to sell it, as I have picked up another one which will need some work and for me the joy is in the restoration. Now all assembled and running so well with good oil pressure I have decided to sell it as I have picked up another one which will need some work and for me the joy is in the restoration. Better than chasing the wife around the house. *John Henderson*