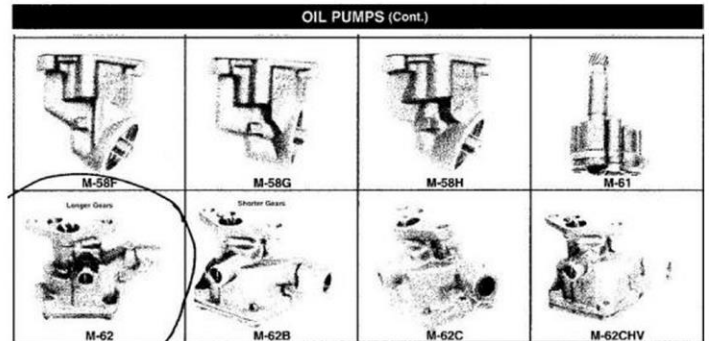
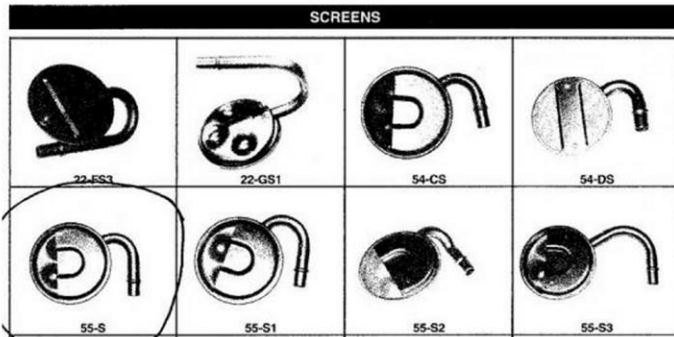


# 1923 - 1925 Lycoming CE engine Oil Pump Replacement

There is no known ready to use replacement oil pump. The following oil pump can be machined to fit and has been used with the CE engine. This oil pump and screen were purchased from Rock Island direct links: [www.rockauto.com/en/parts/melling,M62](http://www.rockauto.com/en/parts/melling,M62)  
[www.rockauto.com/en/parts/melling,55S](http://www.rockauto.com/en/parts/melling,55S)



The screen bolted up using the brass fittings



The pump bolted up to the adaptor



The fittings used



You have to run a tap into the M62 inlet to take the fittings

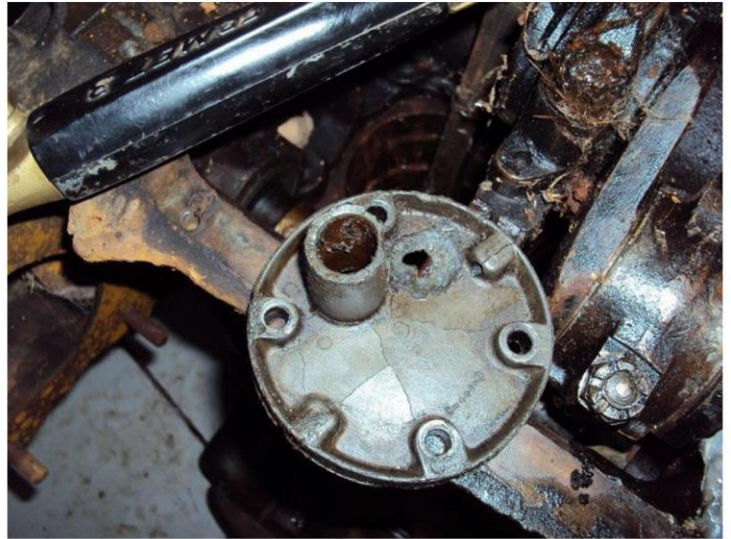


The adaptor was machined out of a solid bit of Aluminum it has bronze bushing inserted. There is an internal oil hole that is offset (where the pump bolts on) Not sure how they connected this to the main round part of the body the current pictures don't show it real well and not easy to get picture without removing the bronze bushing.

**Note: you need to use the old drive gear**



You need to remove the edge for crankshaft clearance



Internal oil hole shown



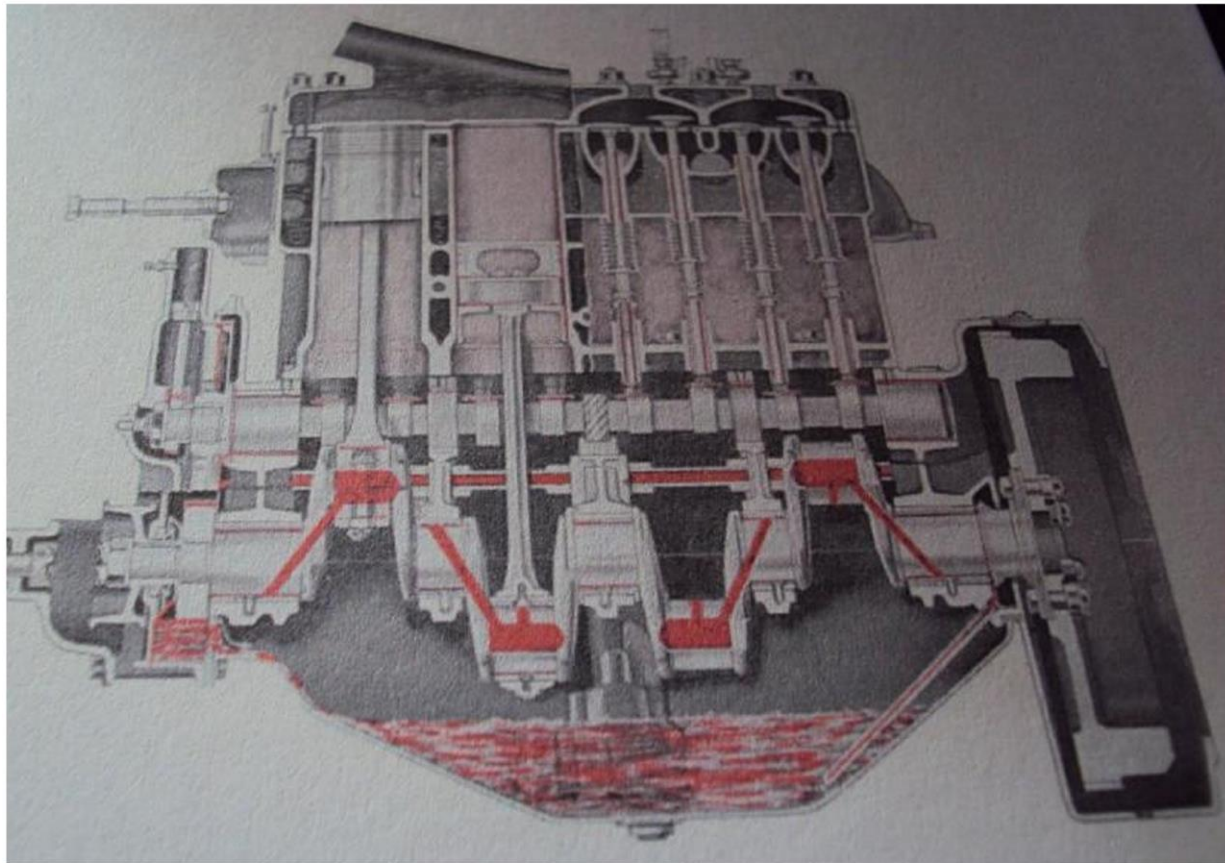
Above adaptor/shaft and top spacer shown



Left: Start of the process

Note: An attempt is underway to obtain a CAD file on the adaptor.





The rear main bearing on these engines do have the spiral return and drain tube. you can see the tube just to the right of the oil pump in above pictures.



Once fitted the oil pan/sump hits just on the side of the pump.  
You need to just tap/hit out the side of the oil pan/sump just to clear it.  
Special THANKS to Trevor Davis - Melbourne Australia  
for photos and guidance.