

Special gear oil pump  
Cooling circuit  
Type 3-540  
Part-No. Z-P 6000 0004



Installation advice:

Installation:

The pump could be build in as you may need it to.  
Please take care, that the pump would not be heated from any side.  
Otherwise it has to be cooled down seperately.  
While running on the test bench we had not experienced any problems with oil temperatures up to 150°C.

Hose connection:

we suggest to use a filter with 150µm nominal at suction side (i.e. filter type 7, part number Z-C 0002 0016).  
If you do so, you also have to take care that the filter will be cleaned regularly.  
In most cases a -08D hose will be ok.  
If suction hose is more than 1,000mm or height is more than 500mm we suggest to use a -10D hose.  
The back pressure of the cooling circuit should be not more than 1.0 bar, if it is more than 1.0 bar you should remove throttles inside the system.

Electricity connection:

the cables should have a diameter of 2.5mm<sup>2</sup> to guaranty constant power supply.  
A fuse of 10A is recommended.  
There should be a thermal shunt, that reacts at +80°C, to control the pump.  
If you use an oil that has not enough temperature it may cause malfunction.

For any further questions don't hesitate to contact Mr. Thorsten Schmitt at our usual telephone number ++49 (0)6201 2051