

## Tip #19: Replacing Caterpillar 6000 PSI Flange Fittings with SAE Code 62 Flange Fittings

**Caterpillar has a proprietary 6000 PSI hydraulic flange fitting they use on their equipment. This fitting is similar to the SAE Code 62 hydraulic flange (SAE J518). Flange diameters and bolt hole spacing are the same. The Caterpillar flange head is thicker and the configuration and location of the O-ring groove is different, requiring the use of a special O-ring.**

**The Caterpillar 6000 PSI flange can be replaced with the Contitech Caterpillar style flange fittings such as the SG-CF-xxxx. The CF in the part description refers to Caterpillar Flange. The Caterpillar flange can also be replaced with a standard code 62 flange fitting such as the Contitech SG-FH-xxxx. If this is done, then the flange halves that secure the flange to the port must also be changed to the SAE Code 62 style flange halves.**

**Do not use the Caterpillar 6000 PSI flange halves on the SAE Code 62 flange fittings or SAE Code 62 flange halves on the Caterpillar 6000 PSI flange fittings. If this is done, the flange head will not be seated properly and the connection will leak.**