

95/5
M 453C

New switch points lub. oil pressure monitoring M 453 C

Main engines, variable and fixed pitch propeller operation

On modern MaK engines increasingly turbochargers are installed with sleeve bearings and engine-internal lub. oil supply. For this reason the switch points of the lub. oil pressure had to be adapted accordingly. Since March 1995, the new data have been applied to all series engines M 453 C.

The adaptation of the switch points additionally offers an increased engine protection against the event of a breakdown. The alarm signal, the reduction respectively automatic engine stop are released far above the critical point. Slightest deviations in pressure warn the crew of a defect, thus leading immediately to the necessary remedial measures.

We, therefore, recommend to apply the new switch points of the lub. oil pressure monitoring also to those installations that are already in operation. The modification should be done in connection with the regular controls of the pressure monitors according to the operating instruction A5.05.11.01.02.00 up to 01.

Conform with the new list of measuring points the pressure monitors are to be reset to the following data:

Alarm > 70 %	1102 to 3,5 bar	(old 2,0 bar)
Reduction > 70 %	1103 to 3,3 bar	(old 1,8 bar)
Starting spare pump	1104 to 2,0 bar	(old 1,5 bar)
Alarm	1105 to 1,8 bar	(old 1,3 bar)
Automatic engine stop	1106 to 1,6 bar	(old 1,1 bar)

We suppose that the modification can be done by the crew under strict observance of the above data. Should this not be possible for any reason whatsoever, we would be pleased to help you after receipt of your order. In this case please contact your MaK representation or the parent firm in Kiel directly.