

Service Information No. 13 / 05 a

Date: 09.02.2006

Attached Lubricating Oil Pumps with Pressure Control Valve

M20/RM32C/VM32C/RM43

Start / Stop of Standby Lubricating Oil Pump, Switching Point 9402

Supplementary to our Service Information 12/05 we would like to inform you about the first results of our investigations that have been continued in the meantime as well as the resulting measures for the operator.

The investigation has shown that permanent parallel running of the attached lubricating oil pump and the separate standby lubricating oil pump may lead to higher axial load on the pump bearings within the attached lubricating oil pump. In extreme cases even a failure of the attached lubricating oil pump with the corresponding consequences (see Service Info 12/05) may occur.

Therefore, switching point 9402 (Start/stop of standby lubricating oil pump) is to be adjusted in such a way that **as from minimum speed** of the engine no parallel running of both pumps can occur any more when the engine is being run up.

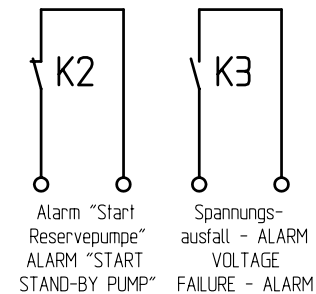
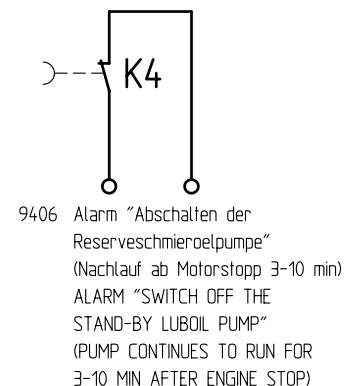
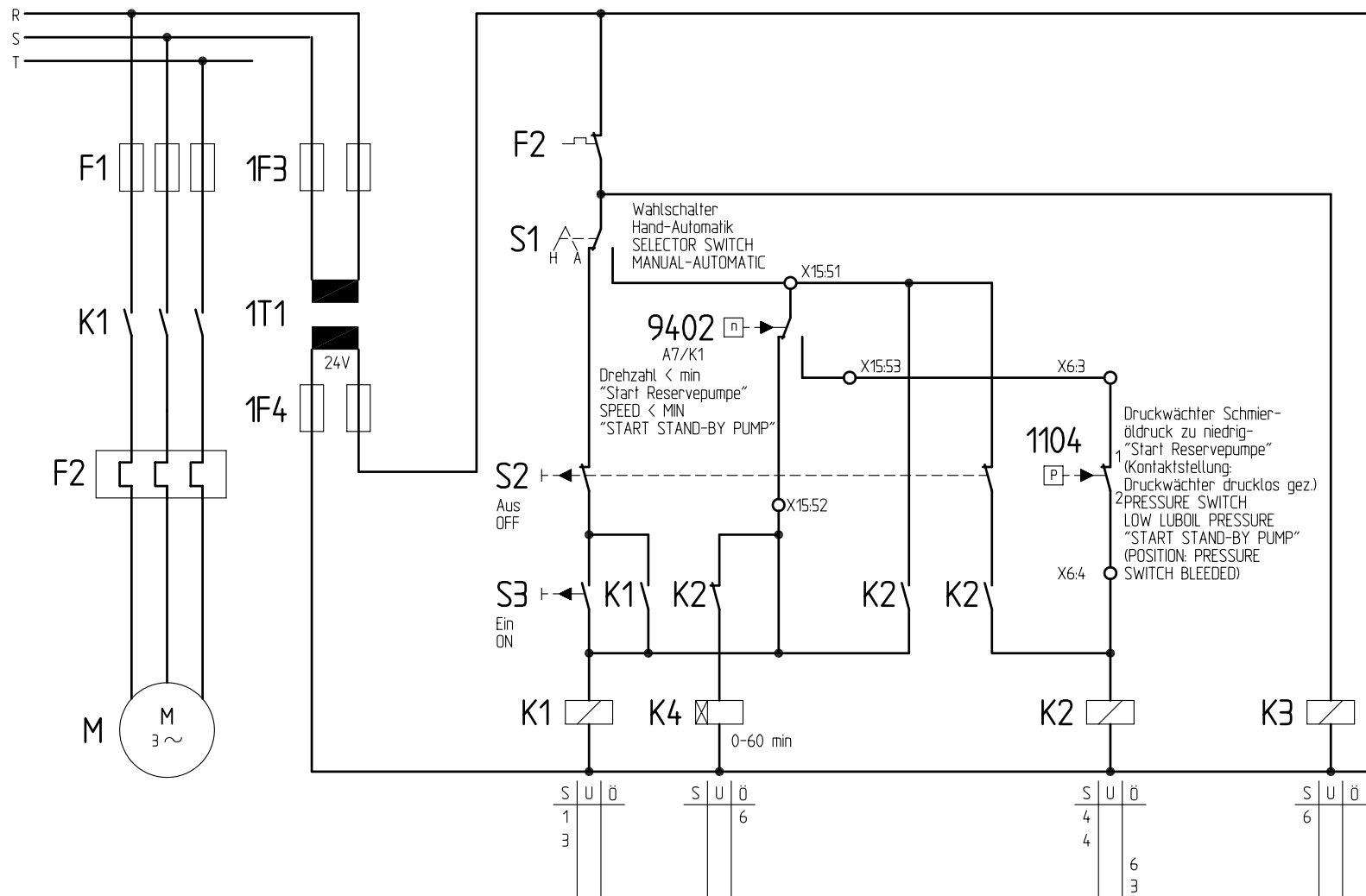
For this reason the standby pump control must be checked for correct function and, if necessary, the switching point for start/stop of the standby lubricating oil pump must be corrected. (See attachment 9-A-0412-02)

Should you have any questions regarding this matter, please contact your dealer.

Attachment: 9-A-0412-02

Vorschlag fuer Steuerung der Hauptmotor-Reserveschmieroelpumpe
 PROPOSAL FOR CONTROL OF MAIN ENGINE STAND-BY LUBOIL FORCE PUMP
 Druckueberwachung arbeitet im Arbeitsstromprinzip
 THE PRESSURE MONITORING OPERATES ON THE OPEN-CIRCUIT SYSTEM

Zum MaK-Lieferumfang gehoert :
 INCLUDED IN THE MaK SUPPLY :
 1104 Druckwaechter
 PRESSURE SWITCH
 9402 Drehzahlkontakt
 Einschub A3/K1 (A7/K1)
 aus Drehzahl-schalt-einrichtung
 SPEED CONTACT
 PRINTED CIRCUIT CARD A3/K1 (A7/K1)
 FROM SPEED SWITCH GEAR



Datum 23.08.96		Caterpillar Motoren GmbH & Co. KG		Vorschlag f. Steuerung			
Bearb. Westphal		MA23		PROPOSAL F. CONTROL			
Gepr. Pries		Erspr.		Ers. d.		Blatt 1	
Norm DIN/IEC		Ers. f.		Ers. d.		1 BL	