

 Preview Solution CBR-2464-1

Mack Chassis - Rear Axle Overheat

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Valid For

Mack Chassis - CHU,CXU,PIAN,GR equipped with a M-Ride rear axle

If a complaint is received regarding rear axle overheating resulting in fault code MID 140 – PID 78 – FMI 0 (overheat warning triggered at 272°F or higher), please complete the questionnaire below and attach it to the corresponding Technical Support case.



Step	Action	
1	Record operating speeds faulting occurred at in comments.	
2	Is oil due for service, if so drain oil and clean magnets. Flush Axle, replace with Shell Spirax S6-AXRME 75w-90 oil.	
3	Visual inspection of axle breather, is it clogged or blocked by mud/dirt? If so replace breather.	

 Live UI

4	Is customer using Shell Spirax S6-AXRME 75w-90 oil? If no, flush axle and change axle oil to Shell Spirax S6-AXRME 75w-90 oil.	
5	Test drive vehicle at faulting speeds with operational load. Follow road test procedure.	
6	Record temperature of axle housing with temp gun. Use the following equation. If (Axle Temperature-Ambient temperature) ≥(275°F- Max Ambient Temperature). Contact Tech Support. Where “Max Ambient temperature” is the average yearly maximum ambient temperature for operating area.	

Related links and attachments

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