

COOLANT REPORT

Sample Rating Trend

WEAR

Machine Id MERCEDES C7-B

Component Coolant Fluid HYBRID (HOAT) COOLANT (--- GAL)

DIAGNOSIS

Recommendation

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer`s specifications. We recommend an early resample to monitor this condition.

Corrosion

Copper ppm levels are abnormal. The high metal levels indicate corrosion in the system.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Jardit24 SAMPLE INFORMATION method limit/base curre Sample Number Client Info 03 Jan 2 Sample Date Client Info 03 Jan 2 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Sample Status Client Info N/A PHYSICAL TEST RESULTS method limit/base curre Specific Gravity ASTM D1298* 1.072 pH Scale 0.14 ASTM D1287* 7.25 Nitrites ppm Alcan Test Kit* 1320 Reserve Alkalinity Scale 0.20 ASTM D121* 7.4 Percentage Glycol % ASTM D3321* 53.7	340 024 MAL ent history1 history2 ent n
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Reserve Alkalinity Scale 0-20 ASTM D1121* 7.4	
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Freezing Point °C ASTM D3321* -43	
Carboxylate	
CORROSION INHIBITORS method limit/base curro	ent history1 history2
Silicon ppm ASTM D5185(m) 41	
Phosphorus ppm ASTM D5185(m) 13	
Boron ppm ASTM D5185(m) 1720	
Molybdenum ppm ASTM D5185(m) 0	
CORROSION method limit/base curre	ent history1 history2
Iron ppm ASTM D5185(m) >15 0	
Aluminum ppm ASTM D5185(m) >10 <1	
Copper ppm ASTM D5185(m) >10 A 18	
Lead ppm ASTM D5185(m) >10 0	
Tin ppm ASTM D5185(m) >10 0	
Silver ppm ASTM D5185(m) >10 <1	
Zinc ppm ASTM D5185(m) 0	
CARRIER SALTS method limit/base curre	ent history1 history2
Sodium ppm ASTM D5185(m) 10434	
Potassium ppm ASTM D5185(m) 438	
SCALE POTENTIAL method limit/base curre	ent history1 history2
Calcium ppm ASTM D5185(m) >100 6	
Magnesium ppm ASTM D5185(m) >40 2	
Hardness mglCaC03 In-house* <75 21	
VISUAL method limit/base curre	ent history1 history2
Coolant Color Visual* Green	
Coolant Appearance Visual* Clear Clear	
Color	no image no image
Bottom	no image no image

Report Id: TRA310OTT [WCAMIS] 02606646 (Generated: 01/08/2024 07:55:27) Rev: 1

Contact/Location: Glenn Skilton - TRA310OTT



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