

COOLANT REPORT

Sample Number

hrs

hrs

ppm

%

°C

Sample Date

Machine Age

Oil Changed

Sample Status

Specific Gravity

Reserve Alkalinity

Percentage Glycol

Freezing Point

Carboxylate

Oil Age

pН

Nitrites

{UNASSIGNED} **KOHLER Nature Fresh Phase 6 17** Component

Coolant

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.



CORROSION IN	HIBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		6		
Phosphorus	ppm	ASTM D5185(m)		13		
Boron	ppm	ASTM D5185(m)		20		
Molybdenum	ppm	ASTM D5185(m)		526		
morybachum	ppin	//o/in/ 00/00(iii)		010		

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	<u> </u>		
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	current	history1	history2
Sodium	ppm	ASTM D5185(m)		984		
Potassium	ppm	ASTM D5185(m)		169		
SCALE POTENTIAL		method	limit/base	current	history1	history2
0-1-1			100	•		

VICTAL		mothod	limit/base	ourropt	biotoryd	history 2
Hardness	mg/L CaCO3	In-house*	<75	8		
Magnesium	ppm	ASTM D5185(m)	>40	<1		
Calcium	ppm	ASTM D5185(m)	>100	2		

				,	
Coolant Color	Visual*		Green		
Coolant Appearance	Visual*	Clear	Clear		
Color				no image	no image
Bottom				no image	no image

Submitted By: Dan Hammond



COOLANT REPORT



Submitted By: Dan Hammond