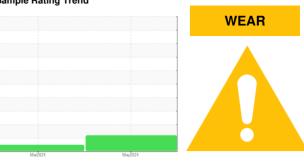


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

BONE CANNON 3

Hydraulic System

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

The copper level is abnormal. All other component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sample Number Client Info USP0011890 USP0007455 Sample Date Client Info 11 May 2024 04 Mar 2024 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 N/A N/A	nistory2
Sample Date Client Info 11 May 2024 04 Mar 2024 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Oil Changed Client Info N/A N/A	
Sample Date Client Info 11 May 2024 04 Mar 2024 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Oil Changed Client Info N/A N/A	
Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Oil Changed Client Info N/A N/A	
Oil Changed Client Info N/A N/A	
A LOUI	
Sample Status ABNORMAL NORMAL	
WEAR METALS method limit/base current history1	nistory2
Iron ppm ASTM D5185m >20 1 0	
Chromium ppm ASTM D5185m >20 <1 0	
Nickel ppm ASTM D5185m >20 <1 0	
Titanium ppm ASTM D5185m <1 0	
Silver ppm ASTM D5185m <1 0	
Aluminum ppm ASTM D5185m >20 2 0	
Lead ppm ASTM D5185m >20 2 <1	
Copper ppm ASTM D5185m >20 ▲ 27 20	
Tin ppm ASTM D5185m >20 1 <1	
Vanadium ppm ASTM D5185m <1 0	
Cadmium ppm ASTM D5185m <1	
ADDITIVES method limit/base current history1	nistory2
Boron ppm ASTM D5185m 0 0	
Barium ppm ASTM D5185m 0 2	
Molybdenum ppm ASTM D5185m <1 0	
Manganese ppm ASTM D5185m 0 0	
Magnesium ppm ASTM D5185m 1 2	
Calcium ppm ASTM D5185m 24 24	
Phosphorus ppm ASTM D5185m 215 186	
Zinc ppm ASTM D5185m 176 168	
Sulfur ppm ASTM D5185m 3376 2705	
CONTAMINANTS method limit/base current history1	nistory2
Silicon ppm ASTM D5185m >15 1 0	
Sodium ppm ASTM D5185m 9 14	
Potassium ppm ASTM D5185m >20 2 0	
Potassium ppm ASTM D5185m >20 2 0 Water % ASTM D6304 >0.05 0.008 0.002 ppm Water ppm ASTM D6304 >500 88 18	
Water % ASTM D6304 >0.05 0.008 0.002 ppm Water ppm ASTM D6304 >500 88 18	nistory2
Water % ASTM D6304 >0.05 0.008 0.002 ppm Water ppm ASTM D6304 >500 88 18 FLUID CLEANLINESS method limit/base current history1 It	nistory2
Water % ASTM D6304 >0.05 0.008 0.002 ppm Water ppm ASTM D6304 >500 88 18 FLUID CLEANLINESS method limit/base current history1 Inition of the property o	nistory2
Water % ASTM D6304 >0.05 0.008 0.002 ppm Water ppm ASTM D6304 >500 88 18 FLUID CLEANLINESS method limit/base current history1 Initial colspan="6">History1 Particles >4μm ASTM D7647 >5000 4504 Particles >6μm ASTM D7647 >1300 491	nistory2
Water % ASTM D6304 >0.05 0.008 0.002 ppm Water ppm ASTM D6304 >500 88 18 FLUID CLEANLINESS method limit/base current history1 I Particles >4μm ASTM D7647 >5000 4504 Particles >6μm ASTM D7647 >1300 491	nistory2
Water % ASTM D6304 >0.05 0.008 0.002 ppm Water ppm ASTM D6304 >500 88 18 FLUID CLEANLINESS method limit/base current history1 I Particles >4μm ASTM D7647 >5000 4504 Particles >6μm ASTM D7647 >1300 491 Particles >14μm ASTM D7647 >160 22 Particles >21μm ASTM D7647 >40 4	nistory2
Water % ASTM D6304 >0.05 0.008 0.002	nistory2
Water % ASTM D6304 >0.05 0.008 0.002	
Water % ASTM D6304 >0.05 0.008 0.002	



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06180205 Unique Number : 11031531

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : USP0011890

Received : 15 May 2024 Tested : 18 May 2024

Diagnosed : 18 May 2024 - Jonathan Hester **SMITHFIELD FOOD - TARHEEL**

15855 HWY. 87 WEST TARHEEL, NC US 28392

Contact: SERVICE MANAGER

To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: SERVICE MANAGER - SMITAR

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