

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

3004120380 - BARCLAY DOWNS UNIT 1

Diesel Engine

DIESEL ENGINE OIL SAE 15W40 (--- GAL)

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the

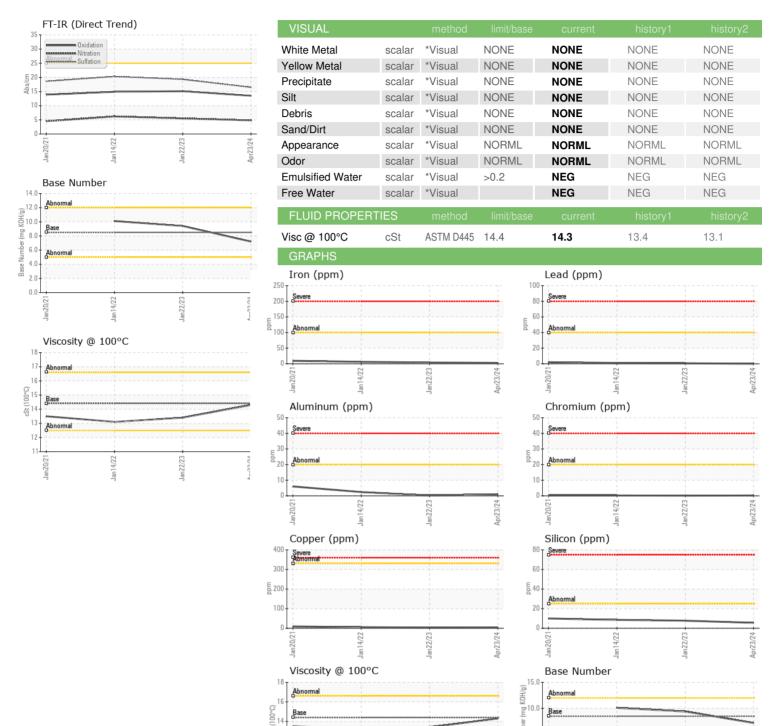
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 history1 Sample Number Client Info WC0911362 WC0448800 WC04 Sample Date Client Info 23 Apr 2024 22 Jan 2023 14 Jan Machine Age hrs Client Info 143 92 52 Oil Age hrs Client Info 143 0 2 Oil Changed Client Info Changed Changed Changed Sample Status NORMAL NORMAL NORMAL	story2
Sample DateClient Info23 Apr 202422 Jan 202314 JanMachine AgehrsClient Info1439252Oil AgehrsClient Info14302Oil ChangedClient InfoChangedChangedChanged	
Machine Age hrs Client Info 143 92 52 Oil Age hrs Client Info 143 0 2 Oil Changed Client Info Changed Changed Changed	48767
Oil Age hrs Client Info 143 0 2 Oil Changed Client Info Changed Changed Changed	2022
Oil Changed Client Info Changed Changed Changed	
Sample Status NORMAL NORMAL NORMAL	ed
outline status	1AL
CONTAMINATION method limit/base current history1 his	story2
Fuel WC Method >5 <1.0 <1.0 <1.0	C
Water WC Method >0.2 NEG NEG NEG	3
Glycol WC Method NEG NEG NEG	Э
WEAR METALS method limit/base current history1 his	story2
Iron ppm ASTM D5185m >100 3 4 6	
Chromium ppm ASTM D5185m >20 <1	
Nickel ppm ASTM D5185m >4 0 0 <1	
Titanium ppm ASTM D5185m 0 <1	
Silver ppm ASTM D5185m >3 0 0 <1	
Aluminum ppm ASTM D5185m >20 1 <1	
Lead ppm ASTM D5185m >40 0 <1 1	
Copper ppm ASTM D5185m >330 4 4 6	
Tin ppm ASTM D5185m >15 <1 <1 <1	
Antimony ppm ASTM D5185m <1	
Vanadium ppm ASTM D5185m 0 0 <1	
Cadmium ppm ASTM D5185m 0 0 0	
ADDITIVES method limit/base current history1 his	story2
Boron ppm ASTM D5185m 250 5 50 74	
ppin hermibetoom 200	
Barium ppm ASTM D5185m 10 0 0 0	
Barium ppm ASTM D5185m 10 0 0 0 Molybdenum ppm ASTM D5185m 100 56 31 18	
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Barium ppm ASTM D5185m 10 0 0 0 Molybdenum ppm ASTM D5185m 100 56 31 18 Manganese ppm ASTM D5185m 1 <1 <1 <1 Magnesium ppm ASTM D5185m 450 930 699 645 Calcium ppm ASTM D5185m 3000 1000 1196 145 Phosphorus ppm ASTM D5185m 1150 1010 888 105 Zinc ppm ASTM D5185m 1350 1177 1055 119	66 64 8
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OIL ANALYSIS REPORT







Sample No.

: WC0911362 Lab Number : 06176746

Unique Number : 11022799

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 13 May 2024 **Tested**

: 14 May 2024 Diagnosed : 14 May 2024 - Wes Davis

0.0

Test Package : MOB 1 (Additional Tests: TBN) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - 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)

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