

OIL ANALYSIS REPORT



Machine Id

Component Diesel Engine Fluid DIESEL ENGINE OIL SAE 15W40 (--- GAL)

DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

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 NumberClient InfoWC0448675Sample DateClient Info21 Mar 2024Machine AgehrsClient Info0Oil AgehrsClient Info0Oil ChangedClient InfoNot Changd	istory2
Machine Age hrs Client Info 0 Oil Age hrs Client Info 0	
Oil Age hrs Client Info 0	
-	
-	
Sample Status NORMAL	
CONTAMINATION method limit/base current history1 h	istory2
Fuel WC Method >5 <1.0	,
Water WC Method >0.2 NEG	
Glycol WC Method NEG	
	istory2
	iistor yz
Iron ppm ASTM D5185m >100 0	
Chromium ppm ASTM D5185m >20 0	
Nickel ppm ASTM D5185m >4 0	
Titanium ppm ASTM D5185m 0	
Silver ppm ASTM D5185m >3 0	
Aluminum ppm ASTM D5185m >20 <1	
Lead ppm ASTM D5185m >40 1	
Copper ppm ASTM D5185m >330 10	
Tin ppm ASTM D5185m >15 0	
Vanadium ppm ASTM D5185m <1	
Cadmium ppm ASTM D5185m 0	
ADDITIVES method limit/base current history1 h	istory2
Boron ppm ASTM D5185m 250 5	
Barium ppm ASTM D5185m 10 0	
Molybdenum ppm ASTM D5185m 100 42	
Manganese ppm ASTM D5185m 0	
Magnesium ppm ASTM D5185m 450 729	
Calcium ppm ASTM D5185m 3000 1165	
Calcium ppm ASTM D5185m 3000 1165 Phosphorus ppm ASTM D5185m 1150 935	
The second	
Phosphorus ppm ASTM D5185m 1150 935	
Phosphorus ppm ASTM D5185m 1150 935 Zinc ppm ASTM D5185m 1350 1009 Sulfur ppm ASTM D5185m 4250 3040	istory2
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Phosphorus ppm ASTM D5185m 1150 935 Zinc ppm ASTM D5185m 1350 1009 Sulfur ppm ASTM D5185m 4250 3040 CONTAMINANTS method limit/base current history1 h Silicon ppm ASTM D5185m >25 3 Sodium ppm ASTM D5185m >158 <1	istory2 istory2
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Phosphorus ppm ASTM D5185m 1150 935 Zinc ppm ASTM D5185m 1350 1009 Sulfur ppm ASTM D5185m 1350 1009 CONTAMINANTS method limit/base current history1 h Silicon ppm ASTM D5185m >25 3 Sodium ppm ASTM D5185m >25 3 Sodium ppm ASTM D5185m >25 3 Sodium ppm ASTM D5185m >20 <1	
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3

30

25

Abs/cm

10

14.

0.212.0 0.0 KOH/g) 0.8 Base Number (mg KOH/g) 0.9 CON KOH/g)

2.0

0.0

18

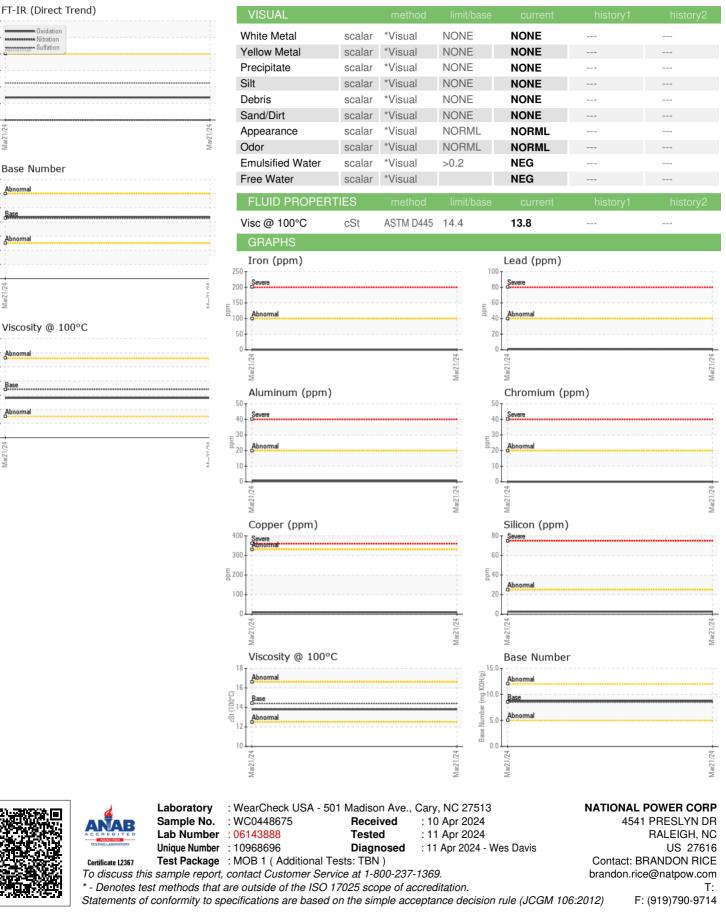
16 cSt (100°C) Bas

Abnormal

Mar21/24

Mar21

OIL ANALYSIS REPORT



Contact/Location: BRANDON RICE - NATRAL