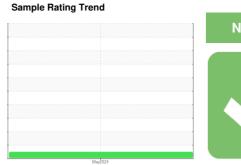


OIL ANALYSIS REPORT

BERNSTENGEL EQUIPMENT 10032291

Propane Engine

DIESEL ENGINE OIL SAE 40 (--- GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. 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.

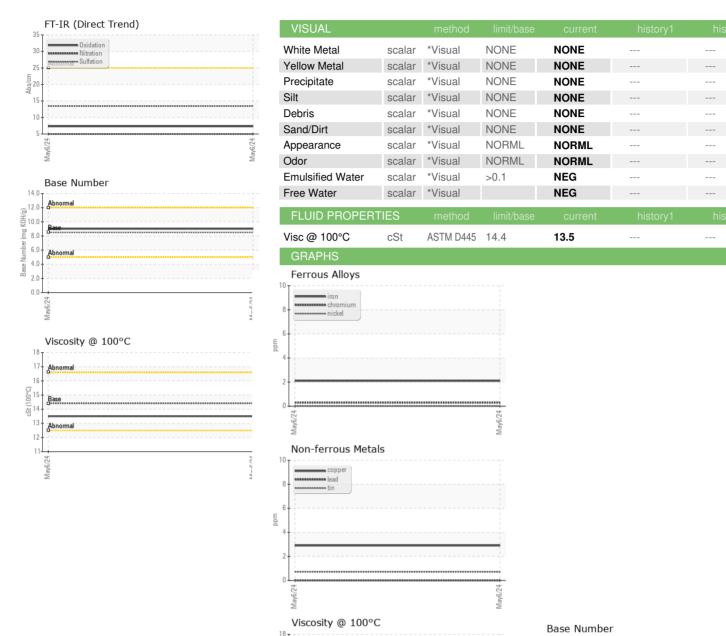
Fluid Condition

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

SAMPLE INFORMATION method limit/base current history1 history2					May2024		
Client Info G May 2024	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Client Info G6 May 2024	Sample Number		Client Info		WC0939961		
Machine Age hrs Client Info 0 0			Client Info		06 May 2024		
Dil Changed Dil Changed Client Info N/A	•	hrs			-		
Contament Cont							
CONTAMINATION	-	1110			-		
CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 Wear Method ppm ASTM D5185m >100 2 Chromium ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >5 0 Aluminum ppm ASTM D5185m >5 0 Aluminum ppm ASTM D5185m >20 1 Lead ppm ASTM D5185m >35 3 Copper ppm ASTM D5185m >8 <1 Vanadium ppm ASTM D5185m 0							
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ASTM D5185m S25 S1	ron	ppm	ASTM D5185m	>100	2		
Nickel	Chromium		ASTM D5185m	>25	<1		
Description	Nickel		ASTM D5185m	>5	0		
Astroper	Titanium		ASTM D5185m		0		
Aluminum	Silver			>5	-		
December December	Aluminum				-		
Copper	_ead						
ASTM D5185m S8	Copper		ASTM D5185m	>35			
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Silicon ppm ASTM D5185m >50 8	CONTAMINANTS		method	limit/base	current	history1	history2
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Soot % % *ASTM D7844 0 Nitration Abs/cm *ASTM D7624 >20 5.0 Sulfation Abs/.1mm *ASTM D7415 >30 13.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 7.3			ASTM D5185m	>20	0		
Nitration Abs/cm *ASTM D7624 >20 5.0 Sulfation Abs/.1mm *ASTM D7415 >30 13.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 7.3	INFRA-RED		method	limit/base	current	history1	history2
Nitration Abs/cm *ASTM D7624 >20 5.0 Sulfation Abs/.1mm *ASTM D7415 >30 13.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 7.3	Soot %	%	*ASTM D7844		0		
Sulfation Abs/.1mm *ASTM D7415 >30 13.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 7.3				>20			
Oxidation							
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Oxidation	Abs/.1mm	*ASTM D7414	>25	7.3		
	Base Number (BN)	mg KOH/g			9.0		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WC0939961 Lab Number : 06176719 Unique Number : 11022772

Test Package : CONST

(100°C)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 13 May 2024 **Tested** : 14 May 2024

Diagnosed : 14 May 2024 - Wes Davis

12.0 (B/H0.0

(mg k 6.0 Base 2.0 0.0

Contact: BYRON CHAPUIS BYRON@FORKLIFTSELECT.COM

12875 E 42ND AVE, SUITE 50

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)

Report Id: FORDEN [WUSCAR] 06176719 (Generated: 05/21/2024 16:55:19) Rev: 1

Contact/Location: BYRON CHAPUIS - FORDEN

FORKLIFT SELECT

DENVER, CO

US 80239

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