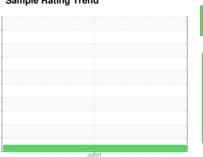


# **OIL ANALYSIS REPORT**

Sample Rating Trend



**NORMAL** 



Machine Id FEED TK 21

Component Main Engine

{not provided} (--- GAL)

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

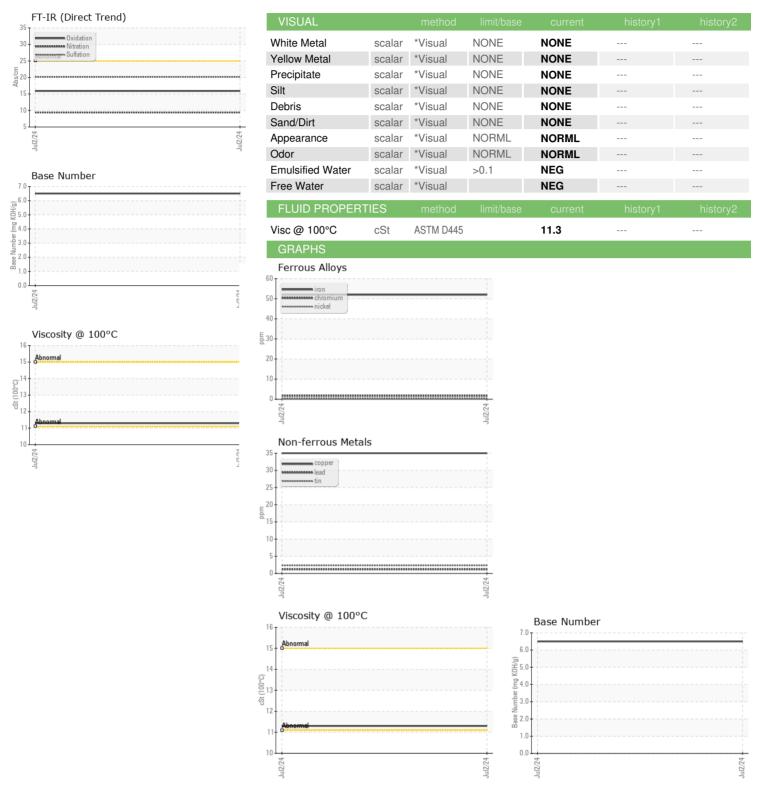
### **Fluid Condition**

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

				Jul2024		
SAMPLE INFORM	AATION		::+/	aa.a.b	المستحدث الم	h:t0
	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0005393		
Sample Date		Client Info		02 Jul 2024		
Machine Age	hrs	Client Info		350		
Oil Age	hrs	Client Info		350		
Oil Changed		Client Info		Not Changd NORMAL		
Sample Status				NORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0		
Water		WC Method	>0.1	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>120	52		
Chromium	ppm	ASTM D5185m	>10	2		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>5	1		
Aluminum	ppm	ASTM D5185m	>20	11		
Lead	ppm	ASTM D5185m	>40	1		
Copper	ppm	ASTM D5185m		35		
Tin	ppm	ASTM D5185m	>10	2		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		79		
Barium	ppm	ASTM D5185m		4		
Molybdenum	ppm	ASTM D5185m		12		
Manganese	ppm	ASTM D5185m		6		
Magnesium	ppm	ASTM D5185m		870		
Calcium	ppm	ASTM D5185m		1546		
Phosphorus	ppm	ASTM D5185m		862		
Zinc	ppm	ASTM D5185m		1001		
Sulfur	ppm	ASTM D5185m		4003		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	54		
Sodium	ppm	ASTM D5185m		6		
Potassium	ppm	ASTM D5185m	>20	37		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.2		
Nitration	Abs/cm	*ASTM D7624	>20	9.4		
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.1		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.9		
Base Number (BN)	mg KOH/g	ASTM D2896	723	6.5		
Dage (DIV)	ang Korny	AOTHI DE000		0.5		



## **OIL ANALYSIS REPORT**







Certificate 12367

Report Id: PILHUM [WUSCAR] 06239758 (Generated: 07/18/2024 15:34:38) Rev: 1

Laboratory Sample No.

Lab Number : 06239758 Unique Number : 11128592 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : SBP0005393

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

Received : 17 Jul 2024 **Tested** : 18 Jul 2024

Diagnosed : 18 Jul 2024 - Wes Davis

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

US 61357 Contact: Troy Runge troyfr@pillenfamilyfarms.com T: (308)390-6733

Pillen Family Farms - 722828

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

Submitted By: JUSTIN HANSON

26741 NE-91

Humphrey, NE