

# **OIL ANALYSIS REPORT**





#### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

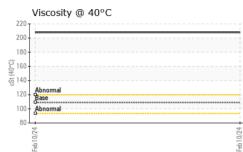
## Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2		
Sample Number		Client Info		WC0893090		-		
Sample Date		Client Info		10 Feb 2024		-		
Machine Age	hrs	Client Info		10565		-		
Oil Age	hrs	Client Info		0		-		
Oil Changed		Client Info		Not Changd		-		
Sample Status				NORMAL		-		
CONTAMINATION	١	method	limit/base	current	history1	history2		
Water		WC Method	>0.2	NEG				
WEAR METALS		method	limit/base	current	history1	history2		
Iron	ppm	ASTM D5185m	>200	7				
Chromium	ppm	ASTM D5185m	>10	<1				
Nickel	ppm	ASTM D5185m	>10	<1				
Titanium	ppm	ASTM D5185m		<1				
Silver	ppm	ASTM D5185m		0				
Aluminum	ppm	ASTM D5185m	>25	3				
Lead	ppm	ASTM D5185m	>50	<1				
Copper	ppm	ASTM D5185m	>200	<1				
Tin	ppm	ASTM D5185m	>10	<1				
Vanadium	ppm	ASTM D5185m		<1				
Cadmium	ppm	ASTM D5185m		<1				
ADDITIVES		method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185m	400	5				
Barium	ppm	ASTM D5185m	200	<1				
Molybdenum	ppm	ASTM D5185m	12	<1				
Manganese	ppm	ASTM D5185m		<1				
Magnesium	ppm	ASTM D5185m	12	5				
Calcium	ppm	ASTM D5185m	150	9				
Phosphorus	ppm	ASTM D5185m	1650	399				
Zinc	ppm	ASTM D5185m	125	10				
Sulfur	ppm	ASTM D5185m	22500	6224				
CONTAMINANTS		method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	>50	8				
Sodium	ppm	ASTM D5185m		2				
Potassium	ppm	ASTM D5185m	>20	1				
VISUAL		method	limit/base	current	history1	history2		
White Metal	scalar	*Visual	NONE	NONE				
Yellow Metal	scalar	*Visual	NONE	NONE				
Precipitate	scalar	*Visual	NONE	NONE				
Silt	scalar	*Visual	NONE	NONE				
Debris	scalar	*Visual	NONE	NONE				
Sand/Dirt	scalar	*Visual	NONE	NONE				
Appearance	scalar	*Visual	NORML	NORML				
Odor	scalar	*Visual	NORML	NORML				
Emulsified Water	scalar	*Visual	>0.2	NEG				
Free Water	scalar	*Visual		NEG				
4:25:52) Rev: 1		Contact/Location: JOHN HAWKINS - BUCWILTX						



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FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	109	208		
SAMPLE IMAG	ES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys						
Non-ferrous Me	tals		Feb10/24			
<sup>520</sup> بع Viscosity @ 40° 220	С		Feb10/24			
200						
180-						
이 160- 당 양 140-						
3 140 - Abnormal						
100 - Abnormal						
80						
Feb 10/24			Feb 10/24			
y : WearCheck USA - . : WC0893090 er : 06149128 per : 10979206	501 Madisor Recei Teste Diagn	<b>ved</b> :15 d :16		ean Felton		<b>(NER - WILL</b> WY 75 NOR WILLIS, <sup>-</sup> US 773



Unique Numbe Test Package : CONST Contact: JOHN HAWKINS Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. johnh@bucknercompanies.com \* - 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: JOHN HAWKINS - BUCWILTX

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