

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id RW5-MOB

Component Gearbox Fluid {not provided} (--- QTS)

DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0935379		
Sample Date		Client Info		06 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	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	3		
Chromium	ppm	ASTM D5185m	>15	<1		
Nickel	ppm	ASTM D5185m	>15	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	1		
Lead	ppm	ASTM D5185m	>100	<1		
Copper	ppm	ASTM D5185m	>200	3		
Tin	ppm	ASTM D5185m	>25	2		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		39		
Calcium	ppm	ASTM D5185m		5		
Phosphorus	ppm	ASTM D5185m		11		
Zinc	ppm	ASTM D5185m		5		
Sulfur	ppm	ASTM D5185m		11178		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<1		
Sodium	ppm	ASTM D5185m		6		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.34		



0.40 (B/H0.30 KOH/B)

Acid Number (mg K 0.10

0.00 VC

> 200 Abnormal

cSt (40°C) 100 50 Mav6/74

250 T Abnormal

OIL ANALYSIS REPORT

Acid Number	VISUAL	m	ethod limit/ba	se current	history1	history2
	White Metal	scalar *Vis		NONE		
-	Yellow Metal	scalar Vis		NONE		
	Precipitate	scalar *Vis		NONE		
	Silt	scalar *Vis		NONE		
-	Debris	scalar *Vis		NONE		
	Sand/Dirt	scalar *Vis		NONE		
/24		scalar *Vis				
May6/24	Appearance Odor	scalar *Vis				
	Emulsified Water	scalar *Vis		NEG		
Viscosity @ 40°C	Free Water	scalar *Vis		NEG		
Abnormal	FLUID PROPER		ethod limit/ba	se current	history1	history2
	Visc @ 40°C		M D445	72.9		
	SAMPLE IMAGE		ethod limit/ba		history1	history2
-		-0				
May6.24	b2/9 ^{/lic} W				no image	no image
	Bottom				no image	no image
	GRAPHS					
	Ferrous Alloys					
	Non-ferrous Meta Non-ferrous	als	May6/24	Acid Number		
	May6/2		May6/24	May6/24		May6/24
Certificate L2367 Test Pa To discuss this sample		Received Tested Diagnose	: 03 Jun 202 : 04 Jun 202 d : 05 Jun 2024 - J 37-1369.	4 11 4	Contac	

Report Id: COBMARRP [WUSCAR] 06198314 (Generated: 06/05/2024 16:23:39) Rev: 1

* - 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: Bobby Fields - COBMARRP

T:

F: