

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id MARION 8200 DL3127 - DRAG CASE 1 (S/N 23266)

Component Front Gearbox Fluid

{not provided} (100 GAL)

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.

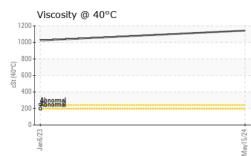
Fluid Condition

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

SAMPLE INFORM		method	limit/base	ourropt	history1	history
	ATION		iiiiii/base	current		history2
Sample Number		Client Info		BRI001880	BRM001736	
Sample Date	h an	Client Info		15 May 2024	06 Jan 2023	
Machine Age	hrs	Client Info		217845	0	
Oil Age	hrs	Client Info		0	÷	
Oil Changed		Client Info		N/A	Not Changd	
Sample Status				NORMAL	NORMAL	
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	50	39	
Chromium	ppm	ASTM D5185m	>15	<1	<1	
Nickel	ppm	ASTM D5185m	>15	<1	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	4	1	
Lead	ppm	ASTM D5185m	>100	5	1	
Copper	ppm	ASTM D5185m	>200	20	9	
Tin	ppm	ASTM D5185m	>25	1	0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1	0	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		85	69	
Manganese	ppm	ASTM D5185m		1	<1	
Magnesium	ppm	ASTM D5185m		2	<1	
Calcium	ppm	ASTM D5185m		8	4	
Phosphorus	ppm	ASTM D5185m		578	466	
Zinc	ppm	ASTM D5185m		21	18	
Sulfur	ppm	ASTM D5185m		7416	5749	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	24	12	
Sodium	ppm	ASTM D5185m		2	0	
Potassium	ppm	ASTM D5185m	>20	5	1	
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Precipitate	scalar	*Visual	NONE	NONE	NONE	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Free Water	scalar	*Visual		NEG	NEG	
::34:59) Rev: 1			Cont	act/Location: Rl	ICC ANIZAL ONE	



OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445		1143	1024	
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			na imaga	na imaga	na imaga
Color			no image	no image	no image
Bottom			no imago	no imago	no imago
Bollom			no image	no image	no image
GRAPHS					
Ferrous Alloys					
45 iron 40 voorseverenden nickel					
35					
30 <u><u></u> <u></u> <u></u> <u></u> <u></u> <u></u> 25</u>					
20 -					
15					
5-					
0		5/24			
		May15/24			
Non-ferrous Metals		-			
18 - copper					
16					
12 F					
E 10 8					
6 -		A1444			
4					
	55594555994559945559955559955559				
Jan 6/23		May15/24			
Viscosity @ 40°C		_			
1200					
900					
800					
700					
500-					
400 - 300 - Abnormal					
200 - Abnormal					
100 L		5/24			
Jan		May15/24			
: WearCheck USA - 501 Mac			WEST	MORELAND ROS	
		Jun 2024 Jun 2024		(PO BOX COLSTRIP, N
: 11074461 Di		Jun 2024 - Don	Baldridge		US 593
: IND 1			-	Contact: RUS	



Test Package : IND 1 Certificate L2367 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)

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