

OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id 51D2 Component

Gearbox

LUBRICATION ENG DUOLEC 1606 ISO 320 (--- LTR)

Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

Viscosity of sample indicates oil is within ISO 220 range, advise investigate. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

(LTR)			Mar2023	May2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0815264	WC0578418	
Sample Date		Client Info		17 May 2023	20 Mar 2023	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	Not Changd	
Sample Status				NORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		0	0	
Iron	ppm	ASTM D5185(m)	>200	4	3	
Chromium	ppm	ASTM D5185(m)	>15	0	0	
Nickel	ppm	ASTM D5185(m)	>15	0	<1	
Titanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)		0	0	
Aluminum	ppm	ASTM D5185(m)	>25	<1	0	
Lead	ppm	ASTM D5185(m)	>100	0	0	
Copper	ppm	ASTM D5185(m)	>200	0	0	
Tin	ppm	ASTM D5185(m)	>25	0	0	
Antimony	ppm	ASTM D5185(m)	>5	0	<1	
Vanadium	ppm	ASTM D5185(m)		0	0	
Beryllium	ppm	ASTM D5185(m)		0	0	
Cadmium	ppm	ASTM D5185(m)		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		27	25	
Barium	ppm	ASTM D5185(m)		0	0	
Molybdenum	ppm	ASTM D5185(m)		0	0	
Manganese	ppm	ASTM D5185(m)		0	0	
Magnesium	ppm	ASTM D5185(m)		0	0	
Calcium	ppm	ASTM D5185(m)		0	0	
Phosphorus	ppm	ASTM D5185(m)		539	539	
Zinc	ppm	ASTM D5185(m)		<1	<1	
Sulfur	ppm	ASTM D5185(m)		6067	6168	
Lithium	ppm	ASTM D5185(m)		<1	<1	
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	<1	1	
Sodium	ppm	ASTM D5185(m)		0	<1	
Potassium	ppm	ASTM D5185(m)	>20	0	<1	
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
		4 OTM DO74*		1.00		

1.09

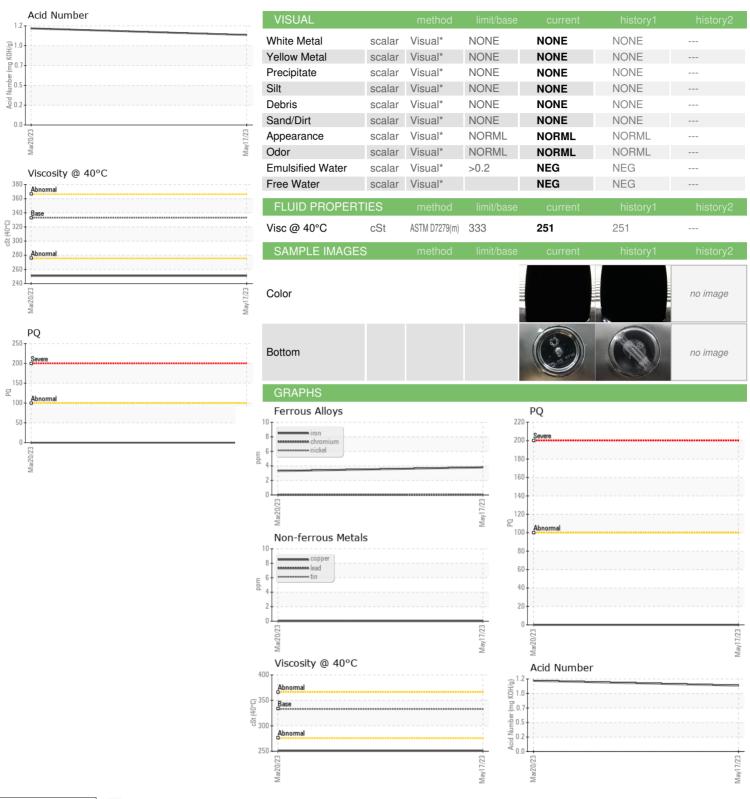
Acid Number (AN)

mg KOH/g ASTM D974*

1.17



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number **Unique Number**

: WC0815264

: 02558723 : 5579763 Test Package : IND 2 (Additional Tests: TAN Man)

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received Diagnosed

: 19 May 2023 : 24 May 2023 Diagnostician : Kevin Marson

HIRAM WALKER & SONS LTD. 2072 RIVERSIDE DRIVE EAST, BOX 2518

WINDSOR, ON CA N8Y 4S5 Contact: Matt Morand

matt.morand@pernod-ricard.com T: (519)561-5359

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

F: (519)971-5719