

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

BENCHTANK

Top Hydraulic System

PETRO CANADA DURATRAN (--- LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

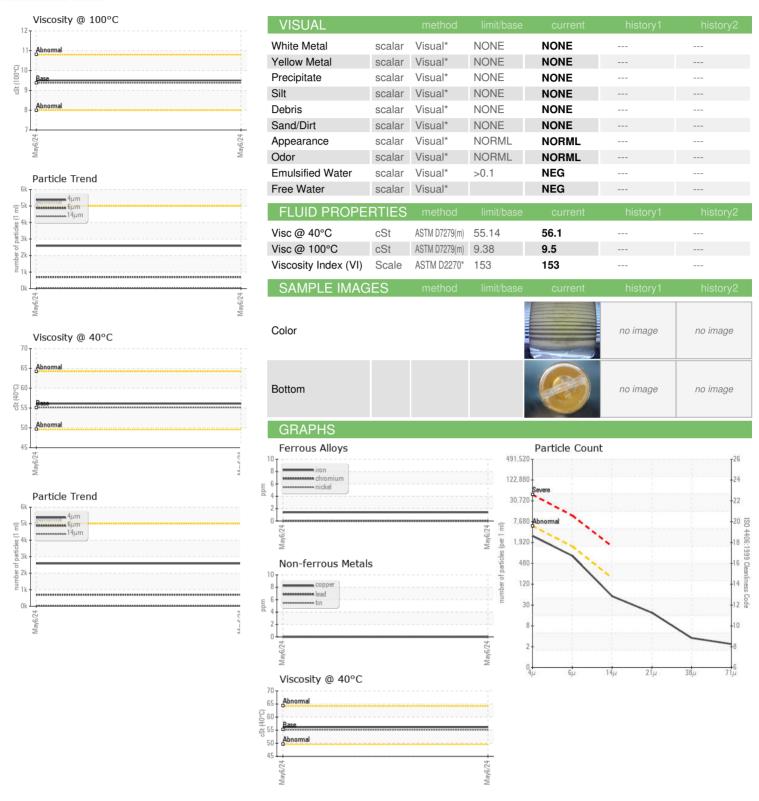
Fluid Condition

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

				May2024		
				meyzuza		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PC0040966		
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		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	1		
Chromium	ppm	ASTM D5185(m)	>10	0		
Nickel	ppm	ASTM D5185(m)	>10	0		
Titanium	ppm	ASTM D5185(m)	- 10	0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>10	1		
Lead	ppm	ASTM D5185(m)	>10	0		
Copper	ppm	ASTM D5185(m)	>75	0		
Tin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)	× 10	0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
	nnm		110			•
Boron	ppm	ASTM D5185(m)		98 0		
Barium	ppm	ASTM D5185(m)	0.0	-		
Molybdenum	ppm	ASTM D5185(m)	0.0	0		
Manganese	ppm	ASTM D5185(m)	1	-		
Magnesium Calcium	ppm	ASTM D5185(m)	13 3610	21 3327		
	ppm	ASTM D5185(m)				
Phosphorus	ppm	ASTM D5185(m)	1192	1063		
Zinc	ppm	ASTM D5185(m)	1455	1314		
Sulfur Lithium	ppm	ASTM D5185(m) ASTM D5185(m)	2641	2530 <1		
CONTAMINAN		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	9		
Sodium	ppm	ASTM D5185(m)		0		
Potassium	ppm	ASTM D5185(m)	>20	0		
FLUID CLEANI	_INESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	2587		
Particles >6µm		ASTM D7647	>1300	696		
Particles >14µm		ASTM D7647	>160	48		
Particles >21µm		ASTM D7647	>40	16		
Particles >38µm		ASTM D7647	>10	3		
Particles >71µm		ASTM D7647	>3	2		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	19/17/13		



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number : 02634097 Unique Number : 5775250

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : PC0040966

Received **Tested** Diagnosed

: 08 May 2024 : 09 May 2024 : 09 May 2024 - Kevin Marson

Test Package : MOB 2 (Additional Tests: KV100, VI)

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.

BRENDONN HOLDINGS LTD

24 BROADWAY STREET WEST YORKTON, SK

CA S3N 0L4 Contact: Tony Ripa tripa@bhltd.ca

T: (306)783-4567 F: (306)783-5700

Contact/Location: Tony Ripa - BREYOR