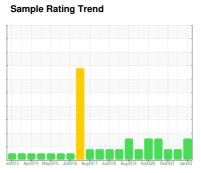


OIL ANALYSIS REPORT

LINE 6 [908197567] [LINE 6] L6 WRAPPER 18 L6 WRAPPER 18 Component

Gearbox

PETRO CANADA PURITY FG EP GEAR OIL 220 (--- GAL)





DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

The aluminum level is abnormal. All other component wear rates are normal.

Contamination

Appearance is milky. There is no indication of any contamination in the oil.

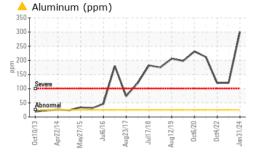
Fluid Condition

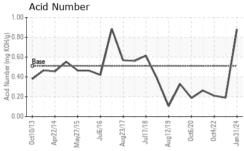
Confirm oil type. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

O A A A DI E IN IEO DI						
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0111069	PCA0080343	PCA0078596
Sample Date		Client Info		31 Jan 2024	02 Dec 2022	04 Oct 2022
Machine Age	hrs	Client Info		3000	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
PQ		ASTM D8184		55	44	34
Iron	ppm	ASTM D5185m	>200	56	49	45
Chromium	ppm	ASTM D5185m	>15	<1	1	1
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<u> </u>	<u>▲</u> 120	<u>▲</u> 120
Lead	ppm	ASTM D5185m	>100	0	1	<1
Copper	ppm	ASTM D5185m	>200	8	9	8
Tin	ppm	ASTM D5185m	>25	<1	1	1
Antimony	ppm	ASTM D5185m	>5			
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		22	17	17
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		8	12	11
Calcium	ppm	ASTM D5185m		4510	4610	4446
Phosphorus	ppm	ASTM D5185m		549	571	551
Zinc	ppm	ASTM D5185m		2049	1896	1791
Sulfur	ppm	ASTM D5185m		1745	1945	1944
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	27	24	22
Sodium	ppm	ASTM D5185m		2	4	3
Potassium	ppm	ASTM D5185m	>20	1	0	0
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.51	0.878	0.19	0.21



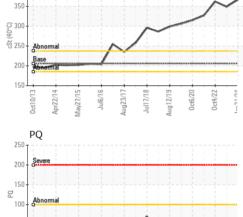
OIL ANALYSIS REPORT

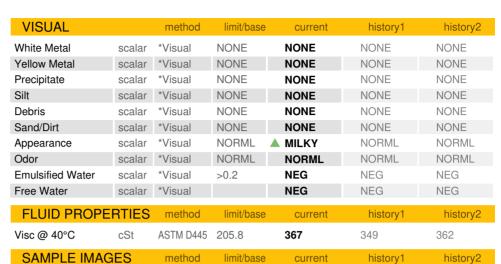




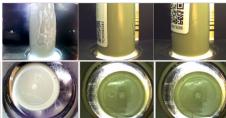
Viscosity @ 40°C

400

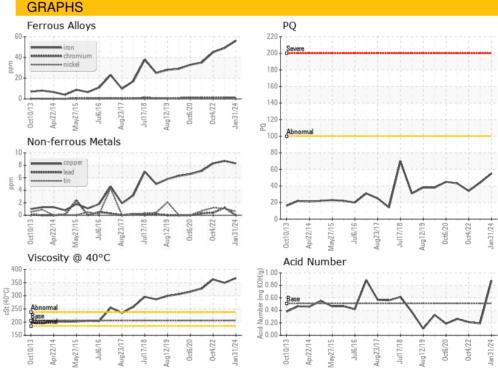




Color



Bottom







Certificate L2367

Laboratory Sample No. Lab Number

: PCA0111069

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

: 06082682 **Tested**

Received : 07 Feb 2024

: 08 Feb 2024

THE HERSHEY COMPANY WEST HERSHEY - TECHNICAL ASSURANCE, 1033 OLDE WEST CHOCOLATE HERSHEY, PA

: 09 Feb 2024 - Don Baldridge Unique Number: 10870127 Diagnosed Test Package : IND 2 (Additional Tests: PQ) Contact: CLINTON ZOHNER clintzohner@hersheys.com

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) F: (717)374-4594

Report Id: HERHER [WUSCAR] 06082682 (Generated: 02/10/2024 04:55:12) Rev: 1

US 17033

T: (717)374-4846