

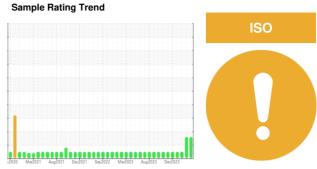
OIL ANALYSIS REPORT



VESSEL 5 PUMP 2 (S/N B47138)

Hydraulic System

PETRO CANADA PURITY FG AW HYDRAULIC 46 (90 GAL)



Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a light amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible.

Fluid Condition

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

LIC 40 (90 GAL)		25050 111055	DEL MONEGEL DOCEGEL	ouplant manager range of	0002023	
SAMPLE INFORM	MOITAN	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0802554	WC0916591	WC0906542
Sample Date		Client Info		03 May 2024	02 Apr 2024	28 Feb 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	MARGINAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	0	0
Chromium	ppm	ASTM D5185m	>20	<1	<1	0
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	0	2	0
_ead	ppm	ASTM D5185m	>20	0	0	0
Copper	ppm	ASTM D5185m	>20	0	0	0
Tin	ppm	ASTM D5185m	>20	<1	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	le le	method	limit/base	current	history1	history2
	10.10.100		IIIIII/Dase		0	0
Boron Baritara	ppm	ASTM D5185m		0 <1		1
Barium	ppm	ASTM D5185m			0	
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	<1	1
Calcium	ppm	ASTM D5185m		0	3	<1
Phosphorus	ppm	ASTM D5185m		464	479	445
Zinc	ppm	ASTM D5185m		0	<1	8
Sulfur	ppm	ASTM D5185m		482	514	387
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3	2	2
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	0	<1	0
Nater	%	ASTM D6304	>0.05	0.003	△ 0.053	0.00
opm Water	ppm	ASTM D6304	>500	34	▲ 534	0
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	6733	4108	783
Particles >6µm		ASTM D7647	>1300	<u>2171</u>	1189	246
Particles >14μm		ASTM D7647	>160	228	145	25
Particles >21μm		ASTM D7647		62	59	5
Particles >38μm		ASTM D7647	>10	3	8	0
Particles >71μm		ASTM D7647	>3	0	1	0
Oil Cleanliness		ISO 4406 (c)	>20/17/14	20/18/15	19/17/14	17/15/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.26	0.17	0.22	0.30



OIL ANALYSIS REPORT







Laboratory Sample No.

Lab Number

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

: 06178721 Unique Number : 11030047

: WC0802554

Received

Tested

: 14 May 2024

: 15 May 2024

: 15 May 2024 - Wes Davis

Diagnosed Test Package : IND 2 (Additional Tests: KF)

Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)

OSCEOLA FOODS (HORMEL)

1027 WARREN AVE OSCEOLA, IA US 50213

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Contact/Location: WADE MYERS - OSCOSC