OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
ROSETTE
Component
Winch
Fluid
PETRO CANADA HYDREX MV 22 (240 LTR)

RECOMMENDATION

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MAR 2 test kits, this testkit includes AN to determine the suitability of the oil for continued use.

WEAR

All component wear rates are normal.

CONTAMINATION

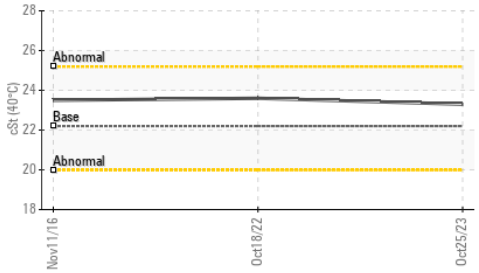
There is no indication of any contamination in the oil.

FLUID CONDITION

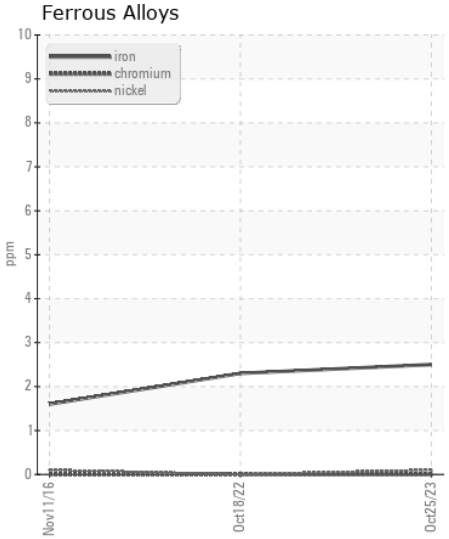
The condition of the oil is acceptable for the time in service (unconfirmed).

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**WC0811229**	WC0627027	WC
Sample Date		Client Info		**25 Oct 2023**	18 Oct 2022	11 Nov 2016
Machine Age	days	Client Info		**0**	0	0
Oil Age	days	Client Info		**0**	0	0
Filter Age	days	Client Info		**0**	0	0
Oil Changed		Client Info		**N/A**	N/A	N/A
Filter Changed		Client Info		**N/A**	N/A	N/A
Sample Status				**NORMAL**	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>30	**2**	2	2
Chromium	ppm	ASTM D5185(m)	>2	**0**	0	0
Nickel	ppm	ASTM D5185(m)	>2	**<1**	0	<1
Titanium	ppm	ASTM D5185(m)	>2	**0**	0	0
Silver	ppm	ASTM D5185(m)	>2	**<1**	0	0
Aluminum	ppm	ASTM D5185(m)	>5	**0**	0	<1
Lead	ppm	ASTM D5185(m)	>70	**<1**	0	<1
Copper	ppm	ASTM D5185(m)	>65	**7**	6	4
Tin	ppm	ASTM D5185(m)	>9	**0**	0	0
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
White Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>30	**<1**	<1	<1
Potassium	ppm	ASTM D5185(m)	>20	**0**	<1	0
Water		WC Method	>0.2	**NEG**	NEG	NEG
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Appearance	scalar	Visual*	NORML	**NORML**	NORML	NORML
Odor	scalar	Visual*	NORML	**NORML**	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185(m)		**6**	11	2
Boron	ppm	ASTM D5185(m)	0	**<1**	<1	<1
Barium	ppm	ASTM D5185(m)	0	**<1**	0	<1
Molybdenum	ppm	ASTM D5185(m)	0	**0**	0	0
Manganese	ppm	ASTM D5185(m)	1	**0**	0	0
Magnesium	ppm	ASTM D5185(m)	0	**3**	3	0
Calcium	ppm	ASTM D5185(m)	50	**49**	50	50
Phosphorus	ppm	ASTM D5185(m)	330	**336**	379	326
Zinc	ppm	ASTM D5185(m)	430	**403**	402	422
Sulfur	ppm	ASTM D5185(m)	760	**983**	1045	1138
Visc @ 40°C	cSt	ASTM D7279(m)	22.2	**23.3**	23.6	23.5

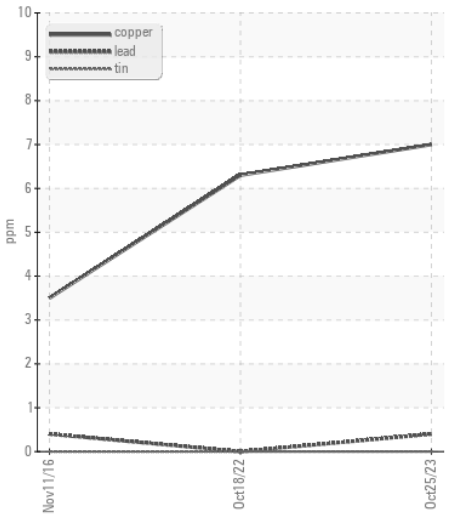
Viscosity @ 40°C



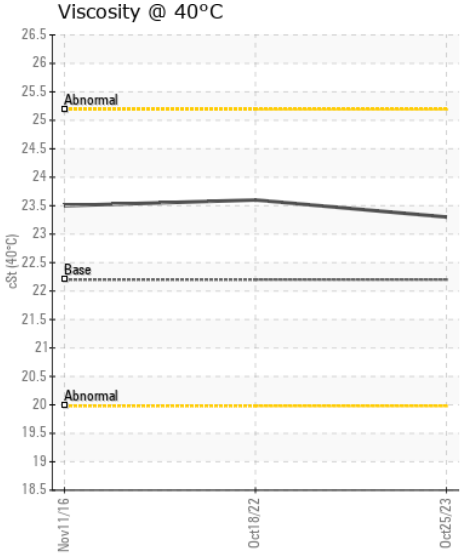
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0811229
Lab Number : 02593210
Unique Number : 5670289
Test Package : MAR 1

Received : 01 Nov 2023
Tested : 09 Apr 2024
Diagnosed : 09 Apr 2024 - Kevin Marson

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.

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