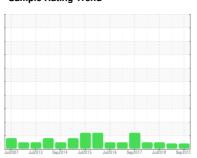


## **OIL ANALYSIS REPORT**

### Sample Rating Trend







# PHR-G2-TUBR

Component

**Bearing** 

MOBIL DTE OIL HVY MEDIUM (--- GAL)

Ν		

#### Recommendation

We recommend you service the filters on this component. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as MOBIL DTE OIL HVY MEDIUM, however, a fluid match indicates that this fluid is ISO 68 R&O Hydraulic Oil. Please confirm the oil type and grade on your next sample. 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 a light amount of silt (particulates < 14 microns in size) present in the oil.

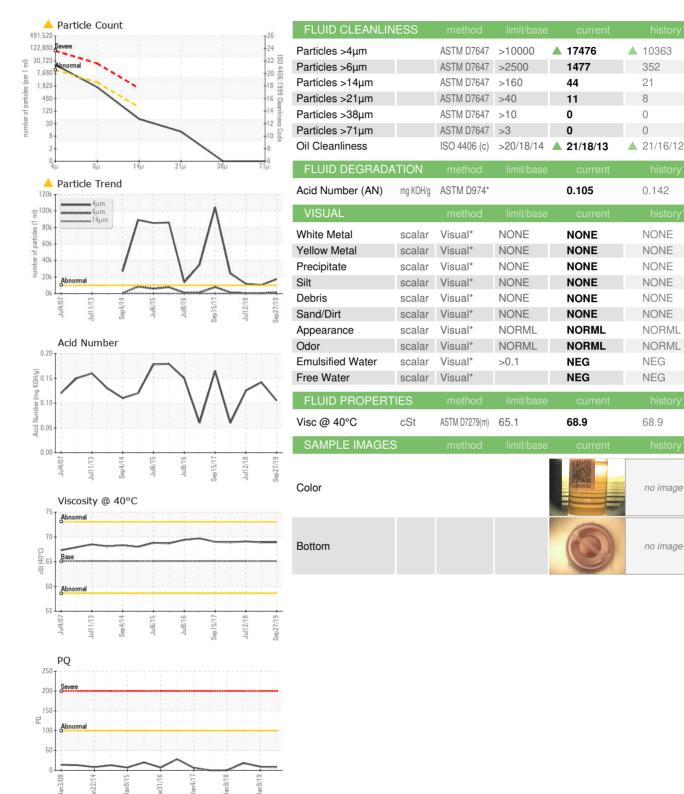
#### Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		Jul2007 Jul	I2013 Sep2014 Jul201	5 Jul2016 Sep2017 Jul20	18 Sep2015	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0299337	WC985147	WC982519
Sample Date		Client Info		27 Sep 2019	09 Jan 2019	12 Jul 2018
Machine Age	days	Client Info		0	0	0
Oil Age	days	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ATTENTION	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		8	9	18
Iron	ppm	ASTM D5185(m)	>63	2	2	2
Chromium	ppm	ASTM D5185(m)		0	0	0
Nickel	ppm	ASTM D5185(m)		<1	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>2	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>161	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>13	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>27	4	4	3
Antimony	ppm	ASTM D5185(m)		<1	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		0	0	0
Barium	ppm	ASTM D5185(m)		<1	0	0
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)		<1	0	<1
Calcium	ppm	ASTM D5185(m)		<1	<1	<1
Phosphorus	ppm	ASTM D5185(m)		1	2	1
Zinc	ppm	ASTM D5185(m)		3	3	2
Sulfur	ppm	ASTM D5185(m)		2036	2112	2034
Lithium	ppm	ASTM D5185(m)		<1	0	0
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>12	0	<1	0
Sodium	ppm	ASTM D5185(m)		0	0	0
Potassium	ppm	ASTM D5185(m)	>20	<1	0	0



## OIL ANALYSIS REPORT





CALA ISO 17025:2017

Accredited

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

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

: WC0299337 : 02316876 : 4952171

Recieved : 28 Oct 2019 Diagnosed : 30 Oct 2019 Diagnostician : Kevin Marson

Test Package : IND 2 ( Additional Tests: PRTCOUNT ) 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.

**NEWFOUNDLAND POWER INC.** 

50 DUFFY PLACE, PO BOX 8910 ST. JOHNS, NL CA A1B 3P6

Contact: Paul Martin pmartin@newfoundlandpower.com

Contact/Location: Paul Martin - NEWSTJ

F: (709)737-2926

11899

487

24

7

0

0

21/16/12

0.125

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NEG

NEG

69.1

no image

no image

no image

no image

NORML

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