WEAR
CONTAMINATION
FLUID CONDITION

NORMAL

ABNORMAL

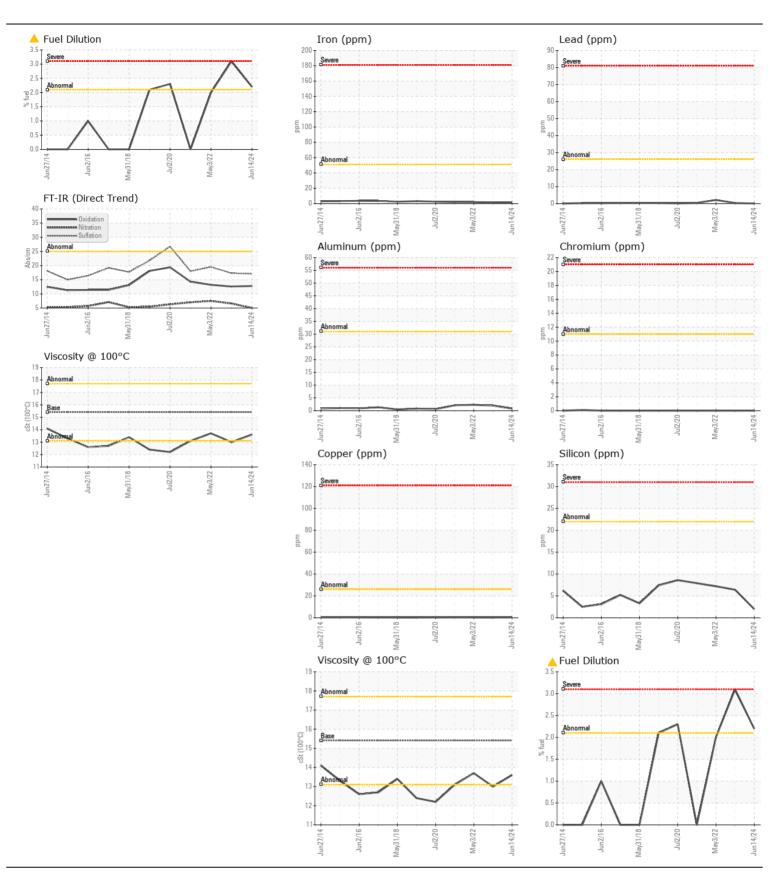
NORMAL

[86978]

2040 DON MILLS RD, TORONTO P1 PARKING LOT DUNCAN MILL COOP RG6076A185182

Right Diesel Engine

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PN0006302	PN0004881	PN0003453
Sample Date		Client Info		14 Jun 2024	13 Jun 2023	03 May 202
Machine Age	hrs	Client Info		613	593	574
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
-		Client Info		-	Ü	Changed
Sample Status				ABNORMAL	SEVERE	NORMAL
Iron	ppm	ASTM D5185(m)	>51	2	2	2
Chromium	ppm	ASTM D5185(m)	>11	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	0	1
Aluminum	ppm	ASTM D5185(m)	>31	<1	2	2
Lead	ppm	ASTM D5185(m)	>26	0	<1	2
Copper	ppm	ASTM D5185(m)	>26	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>4	0	0	<1
Vanadium	ppm	. ,		-	0	0
Yellow Metal	scalar	Visual*	NONE	NONE		
Silicon	ppm	ASTM D5185(m)	>22	2	6	7
Potassium	ppm	ASTM D5185(m)	>20	0	<1	<1
Fuel	%	ASTM D7593*	>2.1	2.2	▲ 3.1	2
Water		WC Method	>0.21	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.0	6.6	7.5
					17.3	19.5
						NODM
						NORM NEG
Linuisined Water	Scalai	Visuai				INLO
Sodium	ppm	ASTM D5185(m)	>192	1	1	2
Boron	ppm	ASTM D5185(m)		10	62	76
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		53	35	83
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm			831	210	34
	ppm	. ,		1121	2060	2098
Phosphorus	ppm	, ,				1041
	nnm	ASTM D5185(m)	1500	1125	1157	1127
Zinc	ppm	. ,				
Zinc Sulfur Oxidation	ppm Abs/.1mm	ASTM D5185(m) ASTM D7414*	3800 >25	2572 12.8	3235 12.6	3186 13.2
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Fuel % Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/cm Sulfation Abs/cm Sulfation Abs/cm Sulfation Abs/cm Sulfation Scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Boron ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Calcium ppm Calcium Silt scalar	Sample Number Sample Date Client Info Client Info Machine Age Dil Age Dil Age Dil Age Dil Changed Filter Age Dil Changed Filter Changed Filter Changed Client Info Sample Status Iron Description Chromium Description Dickel Description Dickel Description Dickel Description Dickel Description De	Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Filter Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185(m) >51 Chromium ppm ASTM D5185(m) >51 Nickel ppm ASTM D5185(m) >5 Titanium ppm ASTM D5185(m) >3 Aluminum ppm ASTM D5185(m) >3 Aluminum ppm ASTM D5185(m) >26 Copper ppm ASTM D5185(m) >26 Copper ppm ASTM D5185(m) >26 Tin ppm ASTM D5185(m) >20 Vanadium ppm ASTM D5185(m) >20 Validation ASTM D5185(m) >20 Fuel % ASTM D7624* >3 Nitration Abs/.mm ASTM D7415* >30 Silt scalar Visual* NONE Sulfation Abs/.mm ASTM D7415* >30 Silt scalar Visual* NONE Sand/Dirt scalar Visual* NONE Sand/Dirt scalar Visual* NONE Sand/Dirt scalar Visual* NONE Sand/Dirt scalar Visual* NONE Sodium ppm ASTM D5185(m) >192 Boron ppm ASTM D5185(m) >192 Boron ppm ASTM D5185(m) ASTM D5185(m) Manganese ppm ASTM D5185(m) Manganese ppm ASTM D5185(m) Manganesium ppm ASTM D5185(m)	Sample Number Client Info PN0006302 Sample Date Client Info 14 Jun 2024 Machine Age hrs Client Info 613 Oil Age hrs Client Info 0 Filter Age hrs Client Info Changed Filter Changed Client Info Changed Filter Changed Sample Status Client Info Changed Iron ppm ASTM D5185(m) >51 2 Chromium ppm ASTM D5185(m) >51 2 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >3 0 Aluminum ppm ASTM D5185(m) >3 0 Aluminum ppm ASTM D5185(m) >26 0 Copper ppm ASTM D5185(m) >26 <1	Sample Number Sample Date Client Info PN0006302 14 Jun 2024 PN0004881 13 Jun 2023 Machine Age Oil Age hrs Client Info 613 593 Oil Age hrs Client Info 0 0 Filter Age hrs Client Info 0 0 Oil Changed Client Info Changed Changed Filter Changed Client Info Changed Changed Filter Changed Client Info Changed Changed Gample Status Client Info Changed Changed Chromium ppm ASTM D5185(m) >51 2 2 Iron ppm ASTM D5185(m) >51 2 2 2 Chromium ppm ASTM D5185(m) >3 0 0 0 Nickel ppm ASTM D5185(m) >33 0 0 0 Gilver ppm ASTM D5185(m) >33 0 <1 2 Copper ppm ASTM D5185(m) <t< td=""></t<>





CALA ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Sample No. : PN0006302 Received : 28 Jun 2024

: 02644490 Lab Number **Tested** : 02 Jul 2024 Unique Number : 5802029 : 02 Jul 2024 - Wes Davis Diagnosed

Test Package: MOB 1 (Additional Tests: PercentFuel, Visual) 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.

POWER STATION INC. 1050 JAYSON COURT

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