

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DAEWOO TOWERSIDE PG1
Component
Propane Engine
Fluid
PETRO-CANADA SENTRON VTP 10W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PC0073694	---	---
Sample Date	Client Info	28 Jul 2023	---	---
Machine Age	hrs Client Info	10835	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m)	>100	34	---	---
Chromium ppm ASTM D5185(m)	>25	6	---	---
Nickel ppm ASTM D5185(m)	>5	1	---	---
Titanium ppm ASTM D5185(m)		0	---	---
Silver ppm ASTM D5185(m)	>5	0	---	---
Aluminum ppm ASTM D5185(m)	>20	5	---	---
Lead ppm ASTM D5185(m)	>25	4	---	---
Copper ppm ASTM D5185(m)	>35	17	---	---
Tin ppm ASTM D5185(m)	>8	<1	---	---
Antimony ppm ASTM D5185(m)		0	---	---
Vanadium ppm ASTM D5185(m)		0	---	---
Beryllium ppm ASTM D5185(m)		0	---	---
Cadmium ppm ASTM D5185(m)		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185(m)	0	1	---	---
Barium ppm ASTM D5185(m)	0	0	---	---
Molybdenum ppm ASTM D5185(m)	0	<1	---	---
Manganese ppm ASTM D5185(m)	0	1	---	---
Magnesium ppm ASTM D5185(m)	5	5	---	---
Calcium ppm ASTM D5185(m)	1239	1223	---	---
Phosphorus ppm ASTM D5185(m)	677	629	---	---
Zinc ppm ASTM D5185(m)	797	751	---	---
Sulfur ppm ASTM D5185(m)	2660	2331	---	---
Lithium ppm ASTM D5185(m)		<1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185(m)	>50	3	---	---
Sodium ppm ASTM D5185(m)		2	---	---
Potassium ppm ASTM D5185(m)	>20	0	---	---

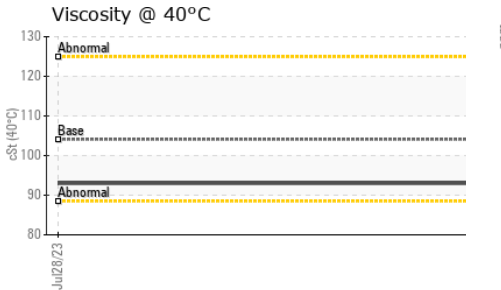
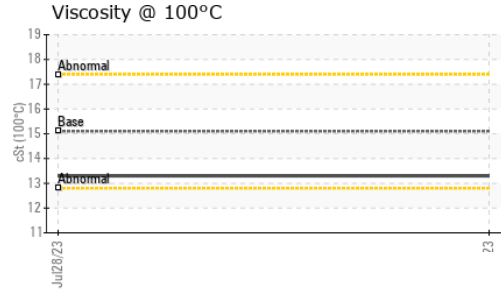
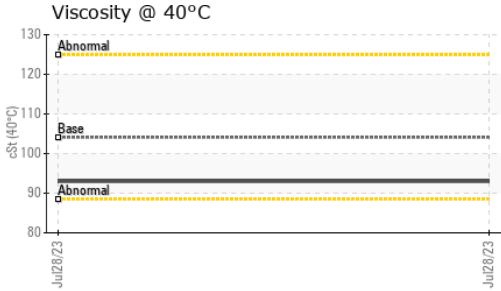
INFRA-RED

method	limit/base	current	history1	history2
Soot % ASTM D7844*		0	---	---
Nitration Abs/cm ASTM D7624*	>20	5.1	---	---
Sulfation Abs/.1mm ASTM D7415*	>30	16.1	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation Abs/.1mm ASTM D7414*	>25	8.8	---	---
Acid Number (AN) mg KOH/g ASTM D974*	1.59	1.69	---	---

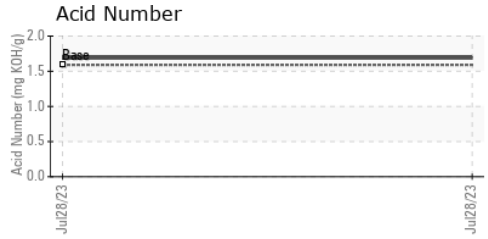
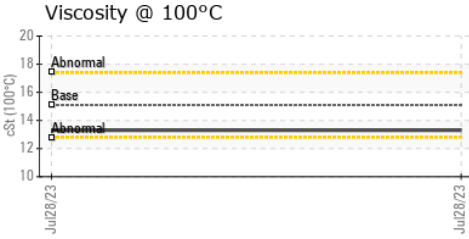
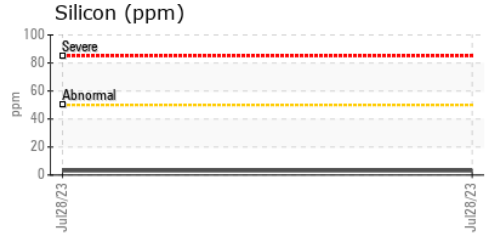
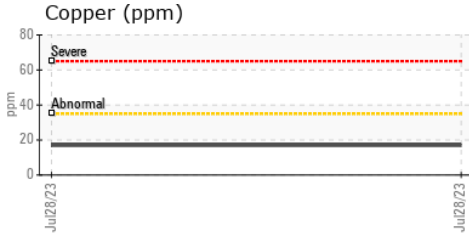
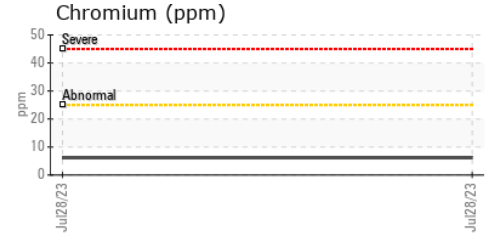
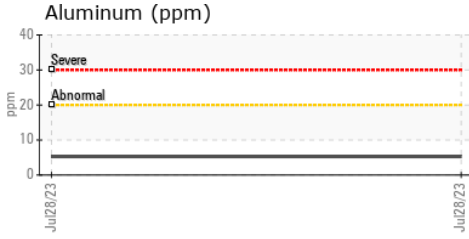
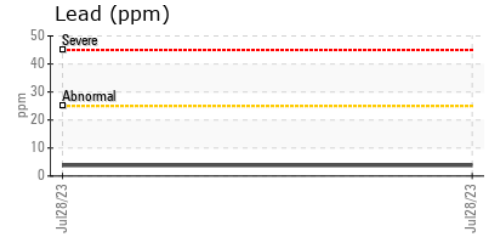
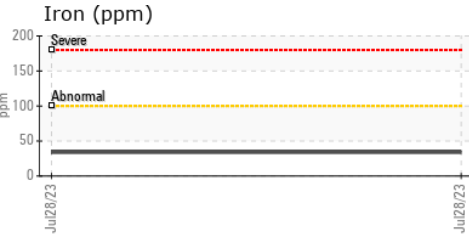
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	104.1	93.0	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	13.3	---
Viscosity Index (VI)	Scale	ASTM D2270*	151	142	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0073694 **Received** : 22 Sep 2023
Lab Number : 02584665 **Diagnosed** : 25 Sep 2023
Unique Number : 5645730 **Diagnostician** : Wes Davis
Test Package : MOB 2 (Additional Tests: KV40, TAN Man, VI, Visual)

Martin Energy Group Canada
 1050 Boyde Lane RR#1
 Linwood, ON
 CA N0B 2A0
 Contact: J Wagler
 jwagler@martinenergygroup.com

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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