

Machine Id
Ad-Hoc HP2 Burst Disk Line

Component
Compressor
Fluid
REFRIG COMP OIL ISO 32 (--- LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) REFRIG COMP OIL ISO 32. Please confirm. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. 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 history 1 history 2

Sample Number	Client Info	PC	PC	---
Sample Date	Client Info	27 Jun 2023	07 May 2004	---
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	N/A	N/A	---
Sample Status		NORMAL	NORMAL	---

WEAR METALS method limit/base current history 1 history 2

PQ	ASTM D8184*		0	---	---
Iron	ppm	ASTM D5185(m)	>50	<1	14
Chromium	ppm	ASTM D5185(m)	>5	0	<1
Nickel	ppm	ASTM D5185(m)		0	0
Titanium	ppm	ASTM D5185(m)		0	0
Silver	ppm	ASTM D5185(m)		0	0
Aluminum	ppm	ASTM D5185(m)	>15	<1	0
Lead	ppm	ASTM D5185(m)	>65	0	0
Copper	ppm	ASTM D5185(m)	>65	0	<1
Tin	ppm	ASTM D5185(m)	>10	0	0
Antimony	ppm	ASTM D5185(m)		0	---
Vanadium	ppm	ASTM D5185(m)		0	0
Beryllium	ppm	ASTM D5185(m)		0	---
Cadmium	ppm	ASTM D5185(m)		0	---

ADDITIVES method limit/base current history 1 history 2

Boron	ppm	ASTM D5185(m)	5	0	2
Barium	ppm	ASTM D5185(m)	5	0	1
Molybdenum	ppm	ASTM D5185(m)	5	0	0
Manganese	ppm	ASTM D5185(m)		0	<1
Magnesium	ppm	ASTM D5185(m)	5	<1	<1
Calcium	ppm	ASTM D5185(m)	12	<1	<1
Phosphorus	ppm	ASTM D5185(m)	12	3	92
Zinc	ppm	ASTM D5185(m)	12	2	<1
Sulfur	ppm	ASTM D5185(m)	1000	632	212
Lithium	ppm	ASTM D5185(m)		<1	---

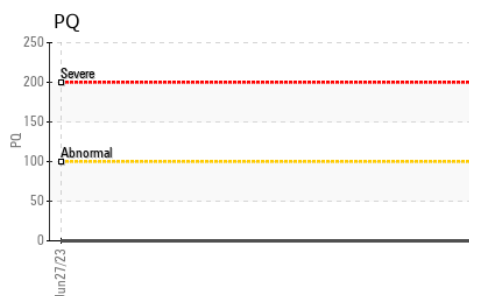
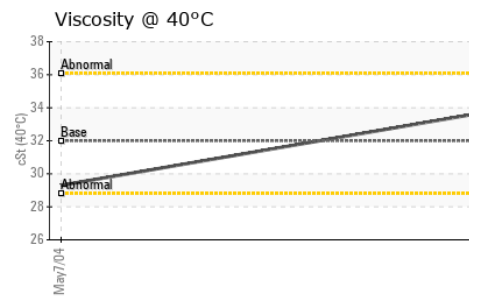
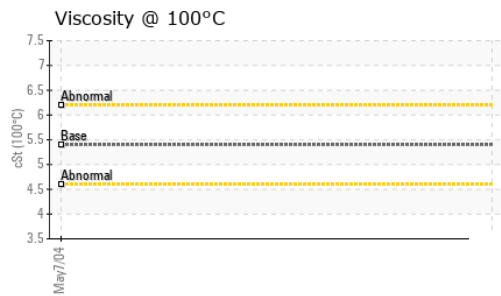
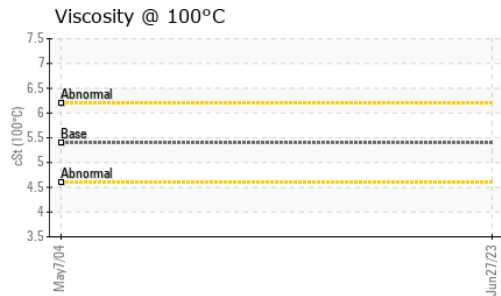
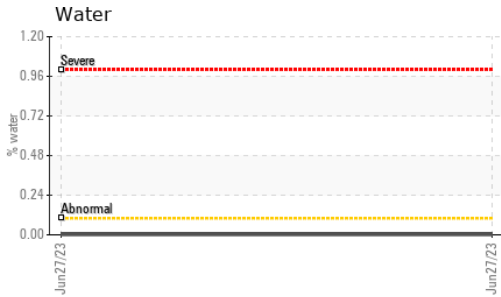
CONTAMINANTS method limit/base current history 1 history 2

Silicon	ppm	ASTM D5185(m)	>35	0	20
Sodium	ppm	ASTM D5185(m)		<1	2
Potassium	ppm	ASTM D5185(m)	>20	<1	0
Water	%	ASTM D6304*	>0.1	0.002	---
ppm Water	ppm	ASTM D6304*	>1000	22.4	---

FLUID DEGRADATION method limit/base current history 1 history 2

Acid Number (AN)	mg KOH/g	ASTM D974*	0.10	0.09	1.04
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OIL ANALYSIS REPORT



PARAMETER	method	limit/base	current	history 1	history 2
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	VLITE	---
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	---

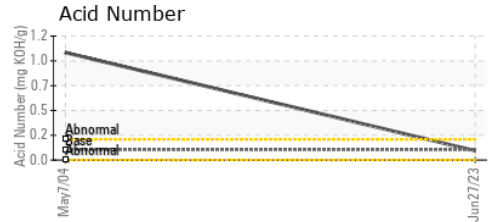
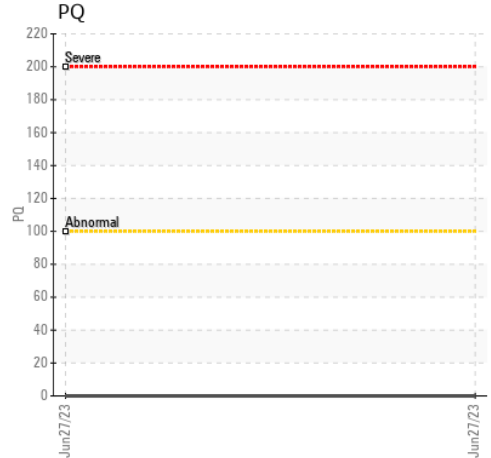
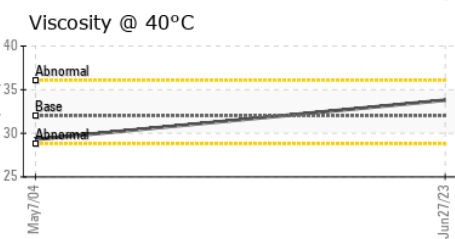
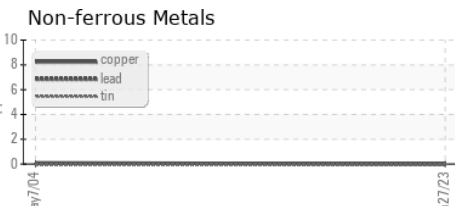
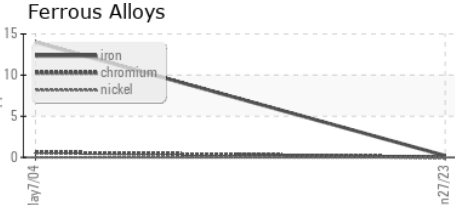
PARAMETER	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D7279(m)	32	33.8	29.3
Visc @ 100°C	cSt	ASTM D7279(m)	5.4	5.5	---
Viscosity Index (VI)	Scale	ASTM D2270*	102	97	---

SAMPLE IMAGES

Color

Bottom

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC
Lab Number : 02567996
Unique Number : 5605042
Test Package : MAR 2 (Additional Tests: KF, KV100, TAN Man, VI)

Suncor - Terra Nova Projects
 Scotia Centre, 235 Water Street
 St. John's, NL
 CA A1C 1B6
 Contact: Josh Hynes
 joshhynes@suncor.com
 T: (709)778-3575
 F: (709)724-2835

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.