



Machine Id
ATLAS COPCO D60 1E75ED0257
 Component
Compressor
 Fluid
REFRIG COMP OIL ISO 68 (15 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

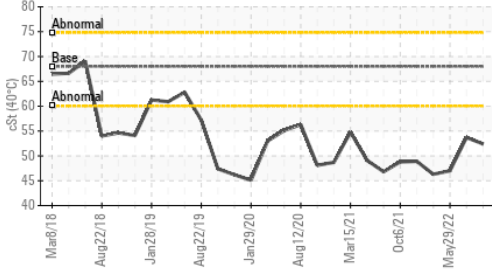
There is no indication of any contamination in the oil.

FLUID CONDITION

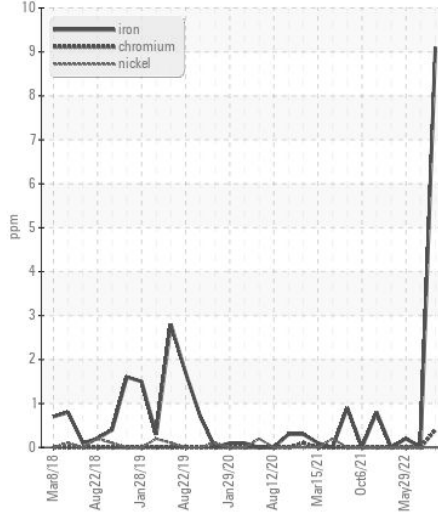
The oil viscosity is lower than normal. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0194433	JR0127597	JR0127737
Sample Date		Client Info		31 Jan 2024	17 Jul 2022	29 May 2022
Machine Age	hrs	Client Info		12141	8815	8552
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	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				ATTENTION	ATTENTION	ATTENTION
PQ		ASTM D8184		12	17	15
Iron	ppm	ASTM D5185m	>50	9	0	<1
Chromium	ppm	ASTM D5185m	>5	<1	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>15	2	<1	<1
Lead	ppm	ASTM D5185m	>65	0	<1	<1
Copper	ppm	ASTM D5185m	>65	<1	0	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>35	1	<1	0
Potassium	ppm	ASTM D5185m	>20	<1	<1	1
Water	%	ASTM D6304	>0.1	0.067	▲ 0.142	---
ppm Water	ppm	ASTM D6304	>1000	670	▲ 1420	---
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	>0.1	0.2%	NEG	NEG
Sodium	ppm	ASTM D5185m		0	0	0
Boron	ppm	ASTM D5185m	5	0	0	0
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	5	<1	0	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	5	1	<1	2
Calcium	ppm	ASTM D5185m	12	1	1	41
Phosphorus	ppm	ASTM D5185m	12	0	20	28
Zinc	ppm	ASTM D5185m	12	0	9	21
Sulfur	ppm	ASTM D5185m	1000	578	59	86
Visc @ 40°C	cSt	ASTM D445	68	▲ 52.4	▲ 53.7	▲ 47.0

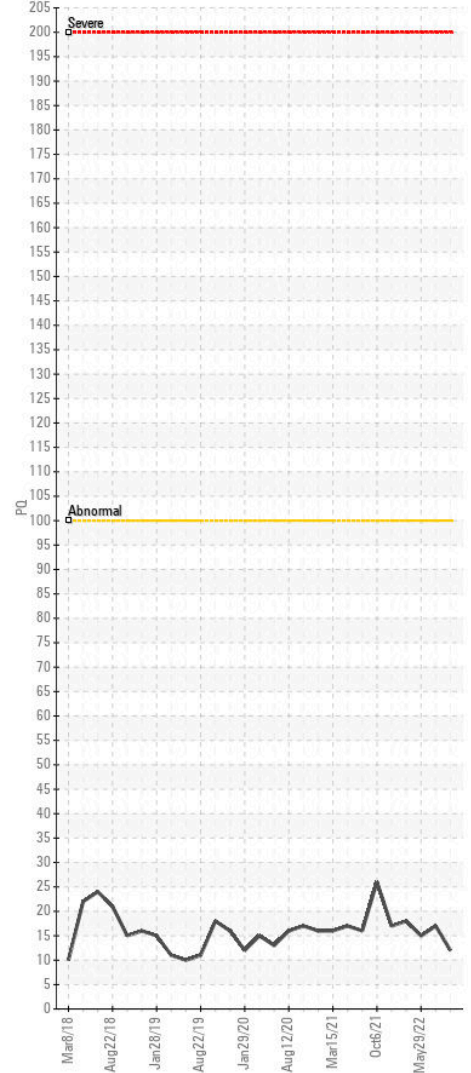
▲ Viscosity @ 40°C



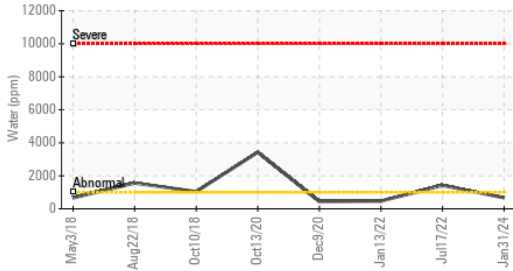
Ferrous Alloys



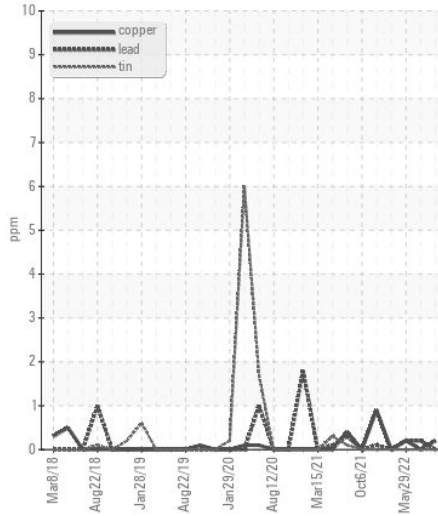
PQ



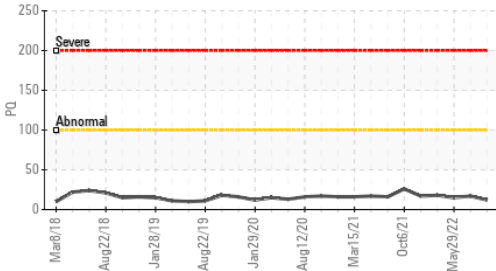
Water (KF)



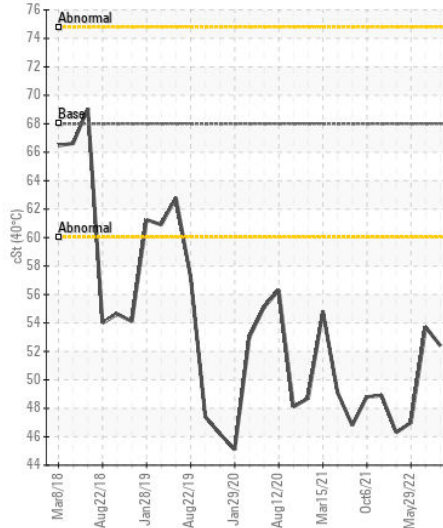
Non-ferrous Metals



PQ



▲ Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0194433 **Received** : 01 Feb 2024
Lab Number : 06077174 **Diagnosed** : 03 Feb 2024
Unique Number : 10859265 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: KF, PQ)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

JRE - GREENSBORO
 411 SOUTH REGIONAL ROAD
 GREENSBORO, NC
 US 27409

Contact: JUSTIN WILLIAMS
 justin.williams@jamesriverequipment.com

T: (336)668-2762
 F: (336)665-9556