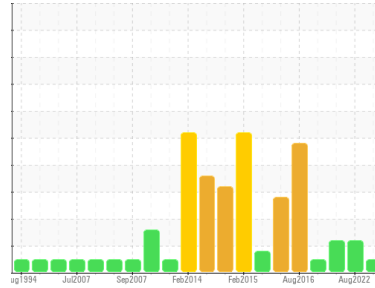




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**huile neuve**  
 Machine Id  
**SULLUBE 32**  
 Component  
**New (Unused) Oil**  
 Fluid  
**SULLAIR SULLUBE (--- LTR)**

## DIAGNOSIS

### Recommendation

Il s'agit du relevé de base de cette huile neuve (inutilisée). Le fluide peut servir.

### Wear

{sans objet}

### Contamination

La propreté du système est acceptable pour votre objectif de propreté ISO 4406. Il n'y a aucun indice de contamination dans le huile (inutilisée) neuve.

### Fluid Condition

Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en l'utilisation.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0818560</b>	WC0686494	WC0630841
Sample Date	Client Info		<b>10 Aug 2023</b>	01 Aug 2022	21 Feb 2022
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	ABNORMAL	ABNORMAL

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		<b>0</b>	0	0
Iron	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	0	0
Chromium	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m) >5	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	0	0
Lead	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	0	<1
Copper	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Tin	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 12	<b>&lt;1</b>	<1	1
Barium	ppm	ASTM D5185(m) 500	<b>985</b>	1051	983
Molybdenum	ppm	ASTM D5185(m) 0.0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)	<b>0</b>	0	0
Magnesium	ppm	ASTM D5185(m) 0.0	<b>0</b>	0	0
Calcium	ppm	ASTM D5185(m) 8.2	<b>2</b>	2	2
Phosphorus	ppm	ASTM D5185(m) 4.0	<b>0</b>	<1	4
Zinc	ppm	ASTM D5185(m) 0.1	<b>2</b>	<1	<1
Sulfur	ppm	ASTM D5185(m) 240	<b>261</b>	282	268
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	0

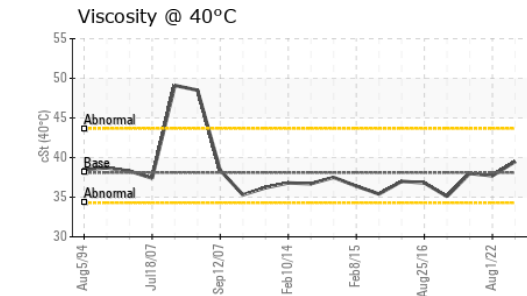
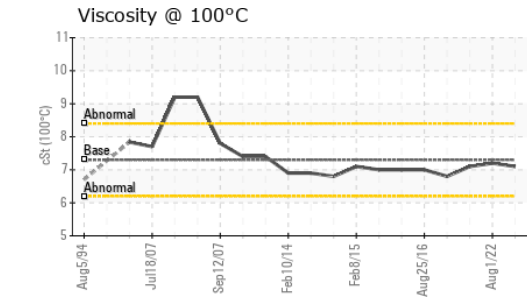
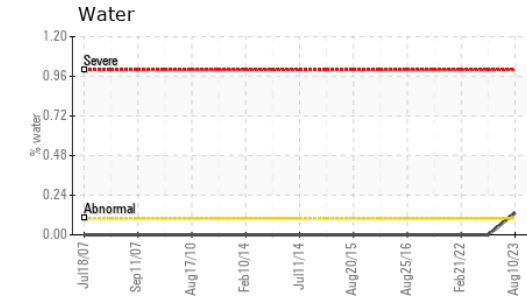
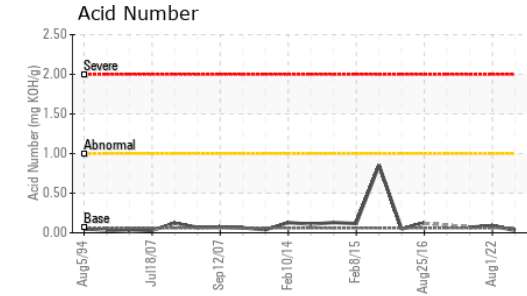
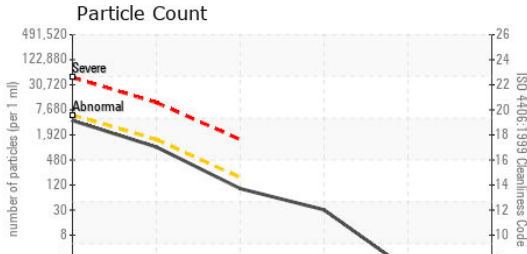
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	<b>3</b>	12	10
Sodium	ppm	ASTM D5185(m)	<b>1</b>	1	1
Potassium	ppm	ASTM D5185(m) >20	<b>&lt;1</b>	<1	2
Water	%	ASTM D6304*	<b>0.134</b>	---	---
ppm Water	ppm	ASTM D6304*	<b>1345.7</b>	---	---

## INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	<b>0.2</b>	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	<b>9.7</b>	10.9	9.8
Sulfation	Abs/.1mm	ASTM D7415*	<b>172.2</b>	172.3	164.0

# OIL ANALYSIS REPORT



FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	<b>3704</b>	▲ 22924	▲ 25016
Particles >6µm	ASTM D7647	>1300	<b>863</b>	▲ 3536	▲ 5122
Particles >14µm	ASTM D7647	>160	<b>87</b>	131	▲ 280
Particles >21µm	ASTM D7647	>40	<b>27</b>	24	52
Particles >38µm	ASTM D7647	>10	<b>1</b>	12	2
Particles >71µm	ASTM D7647	>3	<b>0</b>	11	0
Oil Cleanliness	ISO 4406 (c)	>19/17/14	<b>19/17/14</b>	▲ 22/19/14	▲ 22/20/15

FLUID DEGRADATION	method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	<b>112.0</b>	125.5	115.0
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>0.03</b>	0.09	0.07

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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	<b>39.5</b>	37.7	38.0
Visc @ 100°C	cSt	ASTM D7279(m)	<b>7.1</b>	7.2	7.1
Viscosity Index (VI)	Scale	ASTM D2270*	<b>142</b>	157	151

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					
PrtFilter				no image	no image



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0818560  
**Lab Number** : 02575698  
**Unique Number** : 5620749  
**Test Package** : IND 2 ( Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PQ, PrtCount, TAN Man, VI )

**RTA - UGB**  
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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.