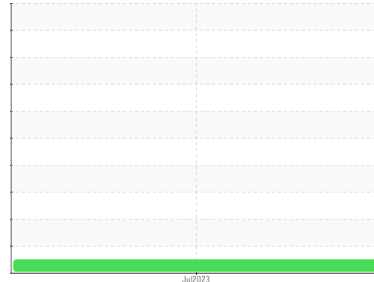


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
CRUSHER CONE 19-527490
Component
Gearbox
Fluid
GEAR OIL ISO 220 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your 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 condition of the oil is acceptable for the time in service.

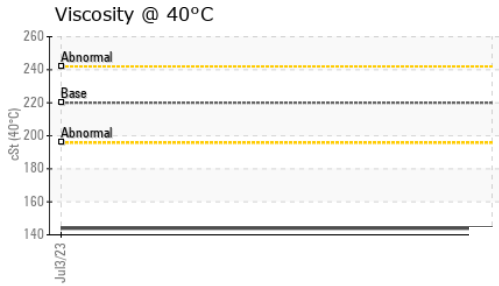
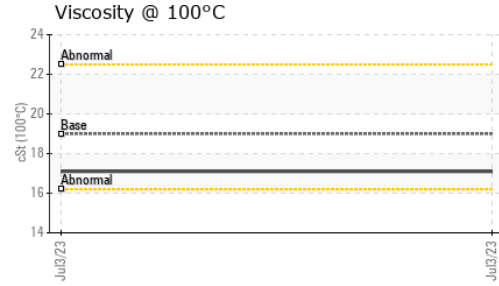
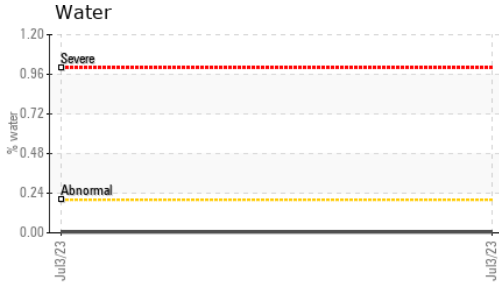
SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PC0073135	---	---
Sample Date	Client Info			03 Jul 2023	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				NORMAL	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	19	---	---
Chromium	ppm	ASTM D5185(m)	>10	0	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)		<1	---	---
Aluminum	ppm	ASTM D5185(m)	>25	3	---	---
Lead	ppm	ASTM D5185(m)	>50	15	---	---
Copper	ppm	ASTM D5185(m)	>200	46	---	---
Tin	ppm	ASTM D5185(m)	>10	4	---	---
Antimony	ppm	ASTM D5185(m)	>5	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)	50	33	---	---
Barium	ppm	ASTM D5185(m)	15	0	---	---
Molybdenum	ppm	ASTM D5185(m)	15	0	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)	50	3	---	---
Calcium	ppm	ASTM D5185(m)	50	17	---	---
Phosphorus	ppm	ASTM D5185(m)	350	382	---	---
Zinc	ppm	ASTM D5185(m)	100	6	---	---
Sulfur	ppm	ASTM D5185(m)	12500	4930	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	28	---	---
Sodium	ppm	ASTM D5185(m)		<1	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water	%	ASTM D6304*	>0.2	0.005	---	---
ppm Water	ppm	ASTM D6304*	>2000	53.7	---	---

OIL ANALYSIS REPORT

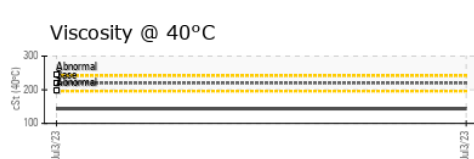
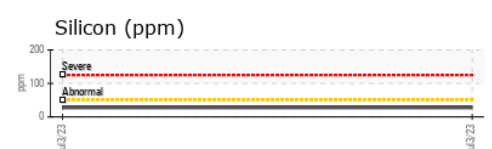
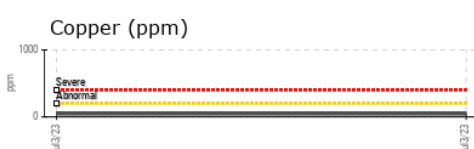
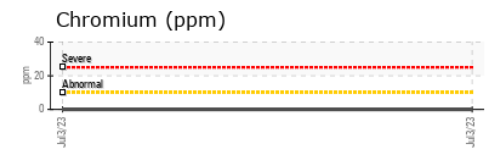
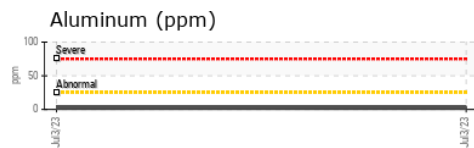
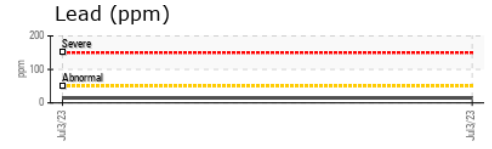
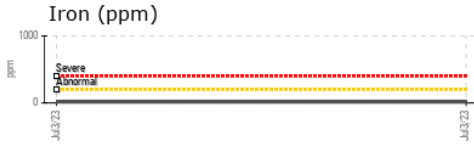


VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	220	144	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	19.0	17.1	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	96	129	---	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0073135 **Received** : 12 Jul 2023
Lab Number : 02569454 **Diagnosed** : 14 Jul 2023
Unique Number : 5606500 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: KF, KV100, VI)

JEPSON PETROLEUM
 3240 2ND AVE N
 LETHBRIDGE, AB
 CA T1H 0C6
 Contact: Service Manager

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.

T:
F: