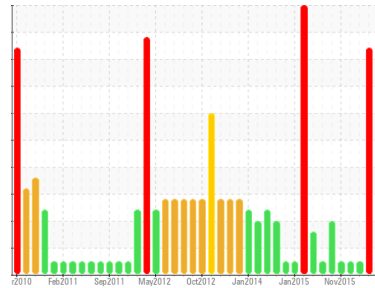


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
KEMP QUARRIES / PRYOR STONE [19289424062]
Machine Id
WLO49
Component
Diesel Engine
Fluid
MOBIL DELVAC 1300 SUPER15W40 (--- 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 condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA89424062	PCA55383035	PCA82166051
Sample Date	Client Info		07 Oct 2019	15 May 2018	17 Mar 2016
Machine Age	hrs	Client Info	36853	35693	34098
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	SEVERE	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method		---	<1.0	<1.0

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	13	54	18
Chromium	ppm	ASTM D5185(m)	0	1	0
Nickel	ppm	ASTM D5185(m)	0	0	0
Titanium	ppm	ASTM D5185(m)	0	0	0
Silver	ppm	ASTM D5185(m)	0	0	0
Aluminum	ppm	ASTM D5185(m)	1	1	1
Lead	ppm	ASTM D5185(m)	0	3	0
Copper	ppm	ASTM D5185(m)	6	67	3
Tin	ppm	ASTM D5185(m)	0	2	0
Vanadium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	32	14	37
Barium	ppm	ASTM D5185(m)	0	0	0
Molybdenum	ppm	ASTM D5185(m)	31	47	51
Manganese	ppm	ASTM D5185(m)	0	---	---
Magnesium	ppm	ASTM D5185(m)	462	645	944
Calcium	ppm	ASTM D5185(m)	1285	1205	1367
Phosphorus	ppm	ASTM D5185(m)	719	733	1077
Zinc	ppm	ASTM D5185(m)	691	924	1191

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	4	6	2
Sodium	ppm	ASTM D5185(m)	4	47	2
Potassium	ppm	ASTM D5185(m)	0	10	1
Glycol	%	ASTM D7922*	0.0	0.0	0.0

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	2.28	5.61	1.85

FLUID DEGRADATION

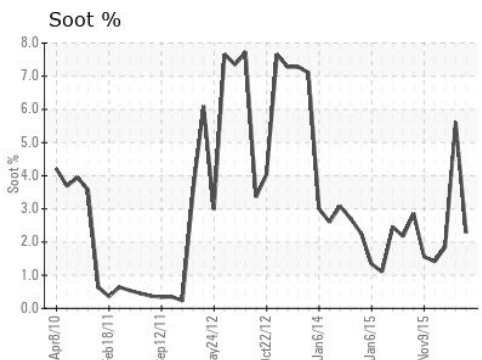
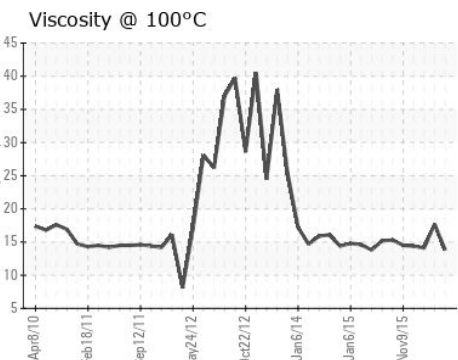
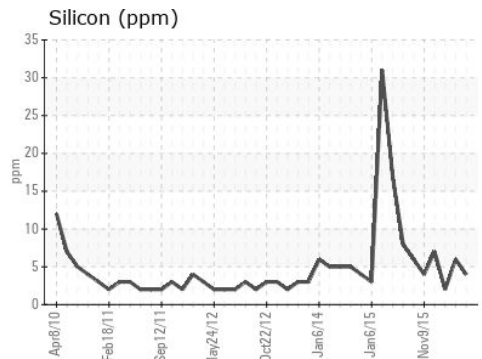
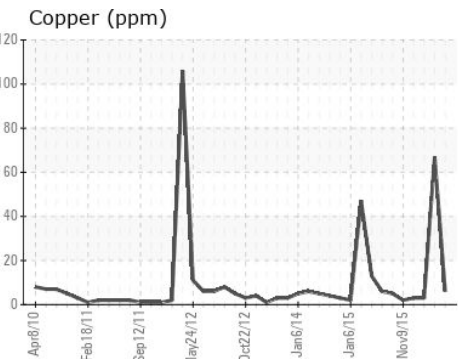
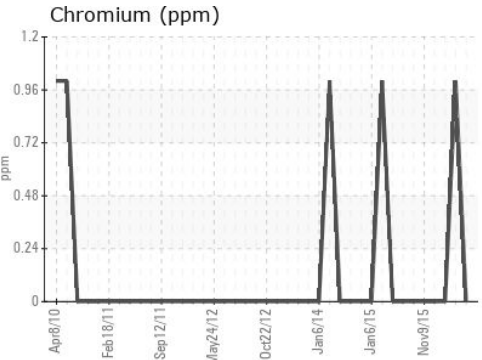
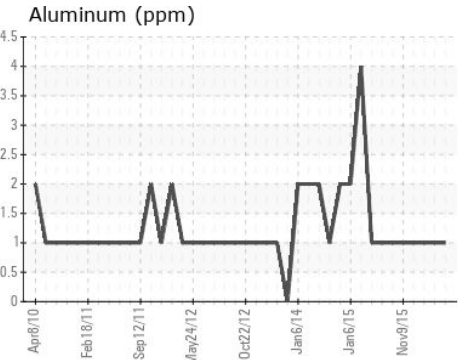
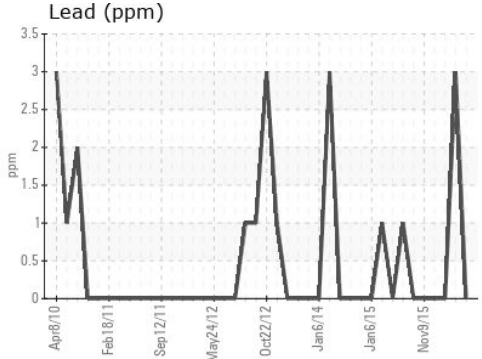
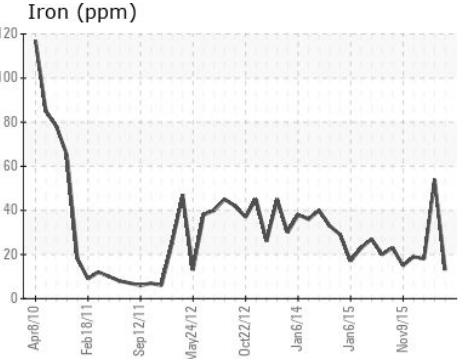
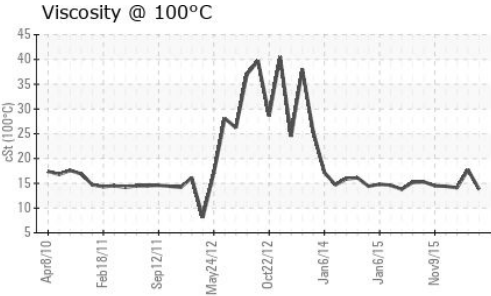
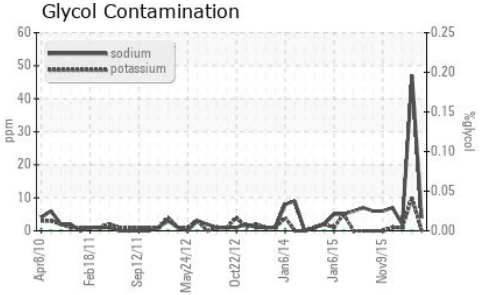
	method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	---	0	4

FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	13.8	17.7	14.1

OIL ANALYSIS REPORT

GRAPHS



Laboratory : WearCheck -
Sample No. : PCA89424062
Lab Number : **89424062**
Unique Number : 13441706
Test Package : MOB1+ (Additional Tests: FT-IR, Glycol, ICP, KV100)
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.

Received : 16 Oct 2019
Diagnosed : 25 Feb 2020
Diagnostician : Wes Davis

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