

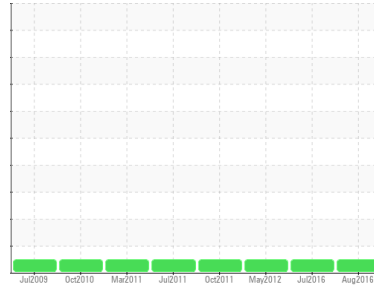
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
KEMP QUARRIES / PRYOR STONE [16256148060]
Machine Id
GEN006
Component
Diesel Engine
Fluid
MOBIL DELVAC 1300 SUPER15W40 (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

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		PCA56148060	PCA18477052	PCA52198065
Sample Date	Client Info		27 Aug 2016	08 Jul 2016	14 May 2012
Machine Age	hrs	Client Info	826	453	---
Oil Age	hrs	Client Info	---	---	509
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	45	39	23
Chromium	ppm	ASTM D5185(m)	2	2	1
Nickel	ppm	ASTM D5185(m)	0	0	0
Titanium	ppm	ASTM D5185(m)	0	0	---
Silver	ppm	ASTM D5185(m)	0	0	0
Aluminum	ppm	ASTM D5185(m)	6	4	6
Lead	ppm	ASTM D5185(m)	2	3	4
Copper	ppm	ASTM D5185(m)	1	2	2
Tin	ppm	ASTM D5185(m)	0	0	0
Vanadium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	48	43	39
Barium	ppm	ASTM D5185(m)	0	0	0
Molybdenum	ppm	ASTM D5185(m)	50	49	43
Magnesium	ppm	ASTM D5185(m)	863	882	536
Calcium	ppm	ASTM D5185(m)	1422	1306	2477
Phosphorus	ppm	ASTM D5185(m)	967	980	1243
Zinc	ppm	ASTM D5185(m)	1090	1086	1346

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	9	7	6
Sodium	ppm	ASTM D5185(m)	4	0	2
Potassium	ppm	ASTM D5185(m)	2	1	1
Water	%	ASTM D6304*	0	0	0
Glycol	%	ASTM D7922*	0.0	0.0	0.0

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	0.19	0.24	0.22

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	6	7	10

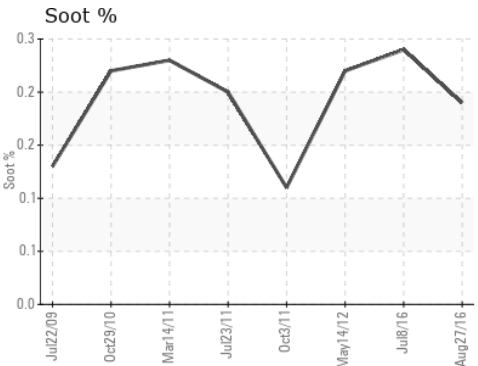
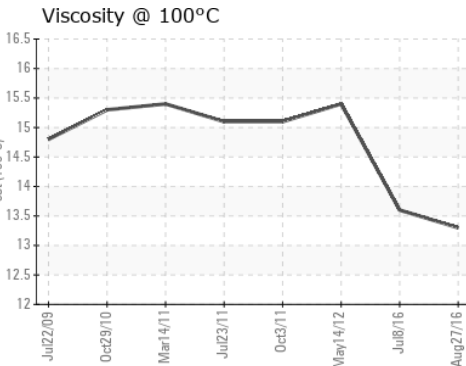
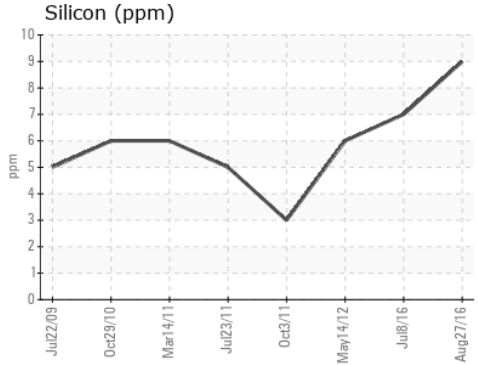
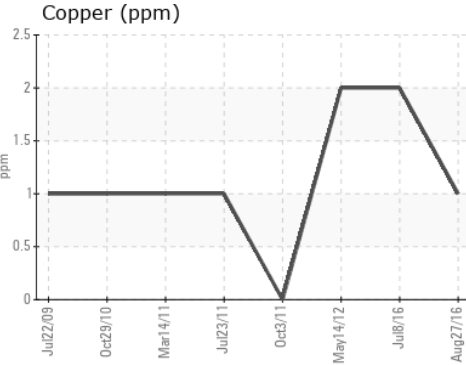
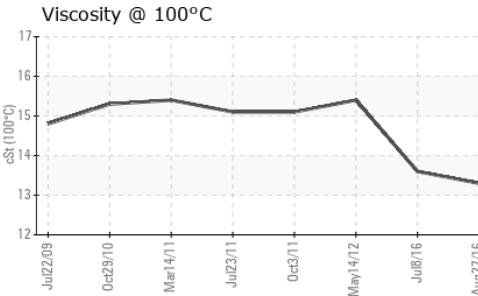
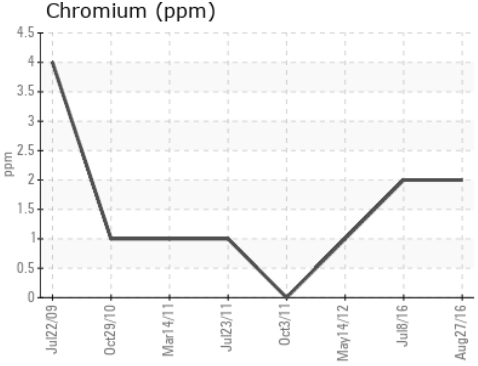
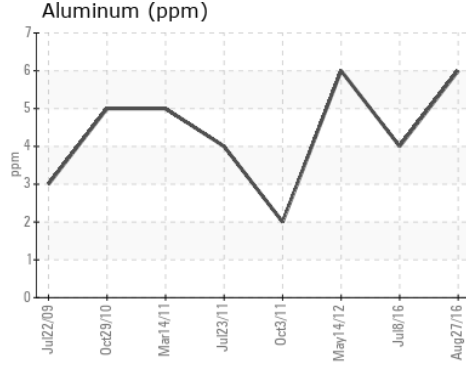
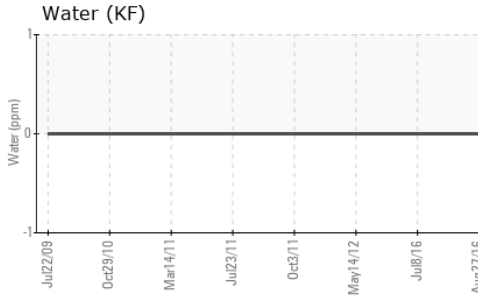
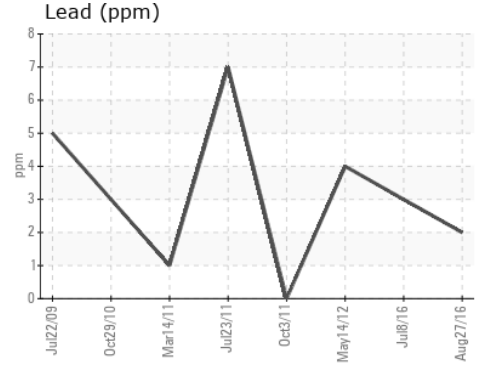
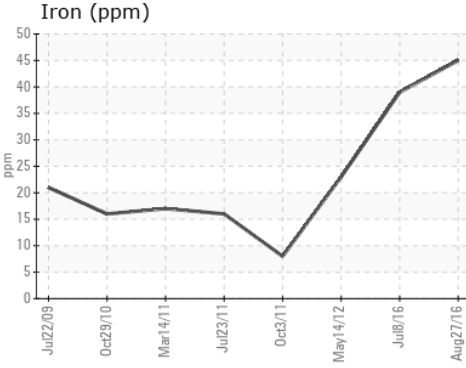
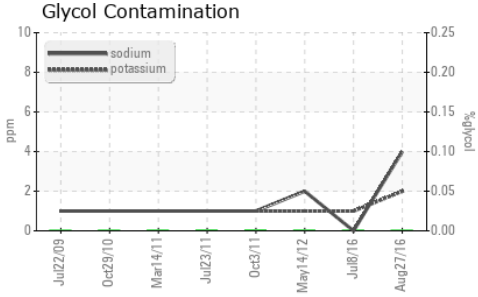
FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	13.3	13.6	15.4



OIL ANALYSIS REPORT

GRAPHS



Laboratory : WearCheck -
Sample No. : PCA56148060
Lab Number : 56148060
Unique Number : 12891823
Test Package : MOB1+ (Additional Tests: FT-IR, Glycol, ICP, KF, KV100)

Received : 12 Sep 2016
Diagnosed : 05 Jun 2019
Diagnostician : Wes Davis

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.

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