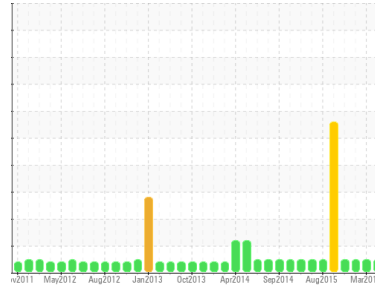


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
KEMP QUARRIES / PRYOR STONE [19091337050]
 Machine Id
TTH014
 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

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	PCA91337050	PCA91337051	PCA66456022
Sample Date	Client Info	19 Mar 2019	19 Mar 2019	02 Jun 2016
Machine Age	hrs	6710	6710	6210
Oil Age	hrs	500	500	300
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	6	13	11
Chromium	ppm	1	2	1
Nickel	ppm	0	0	0
Titanium	ppm	0	0	0
Silver	ppm	0	0	0
Aluminum	ppm	1	2	2
Lead	ppm	6	4	2
Copper	ppm	1	4	3
Tin	ppm	0	0	0
Vanadium	ppm	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	56	48	47
Barium	ppm	0	0	0
Molybdenum	ppm	38	45	50
Magnesium	ppm	524	752	900
Calcium	ppm	1563	1383	1383
Phosphorus	ppm	720	834	1044
Zinc	ppm	823	973	1134

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	3	5	5
Sodium	ppm	2	5	6
Potassium	ppm	0	1	3
Water	%	0	0	0
Glycol	%	0.0	0.0	0.0

INFRA-RED

method	limit/base	current	history1	history2
Soot %	%	0.46	0.56	0.4

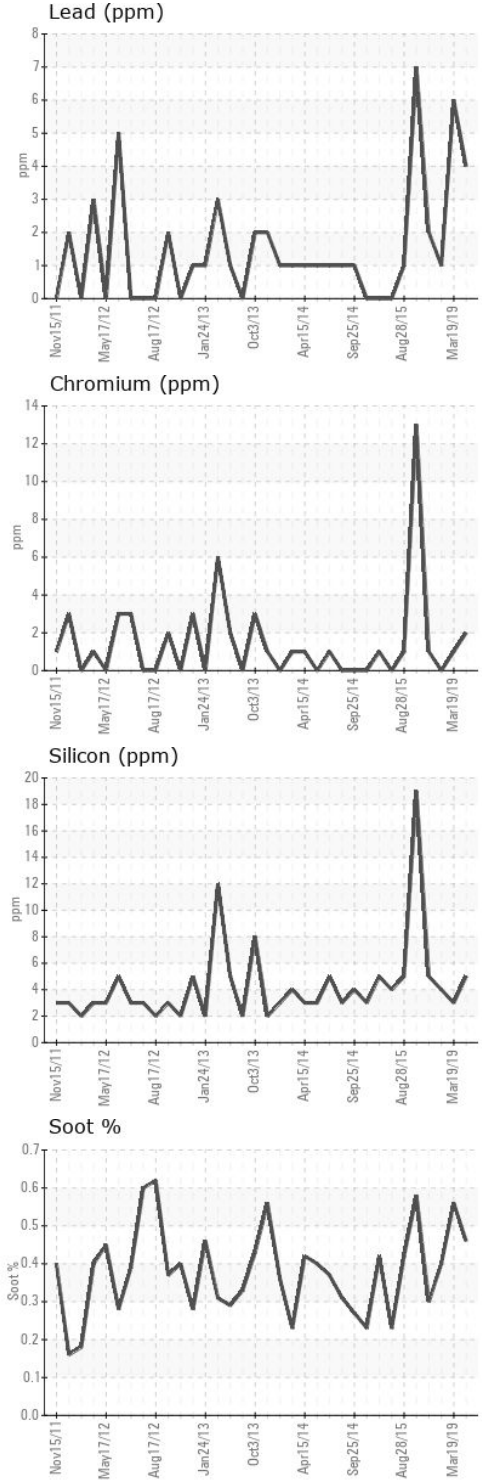
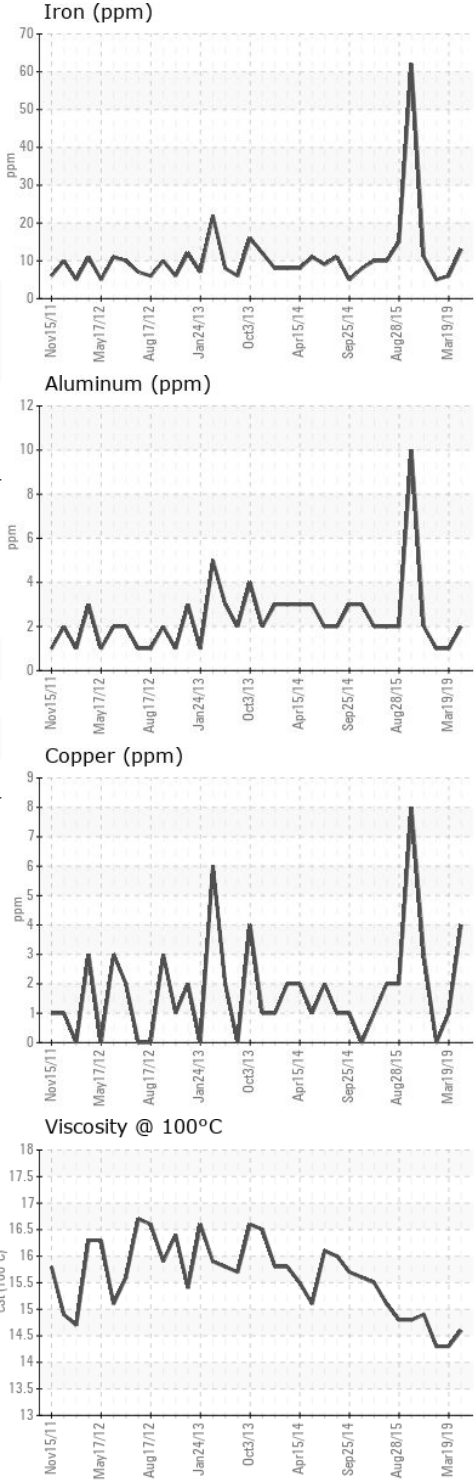
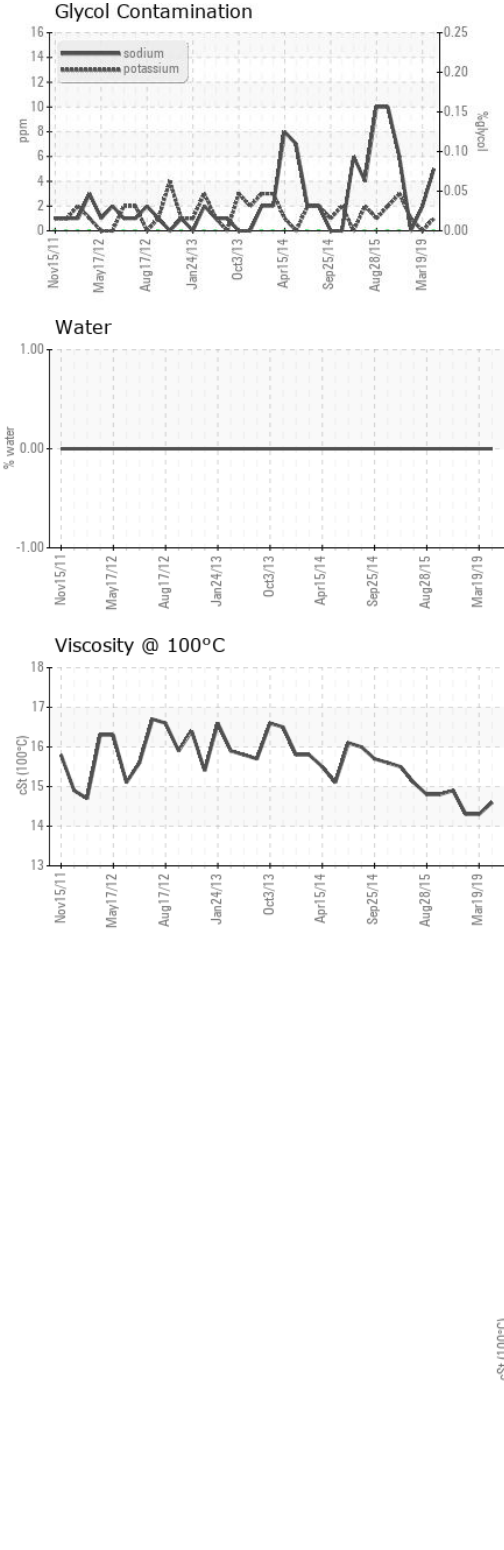
FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs./1mm	10	4	7

FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 100°C	cSt	14.6	14.3	14.3

GRAPHS



Laboratory : WearCheck -
Sample No. : PCA91337050
Lab Number : 91337050
Unique Number : 12896234
Test Package : MOB1+ (Additional Tests: FT-IR, Glycol, ICP, KF, 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 : 01 Apr 2019
Diagnosed : 05 Jun 2019
Diagnostician : Wes Davis

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