

OIL ANALYSIS REPORT

Area
63
Machine Id
[63] A63 SPQ 1

Diesel Fuel

{not provided} (100 GAL)

Sample Rating Trend NORMAL Feb.2018

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

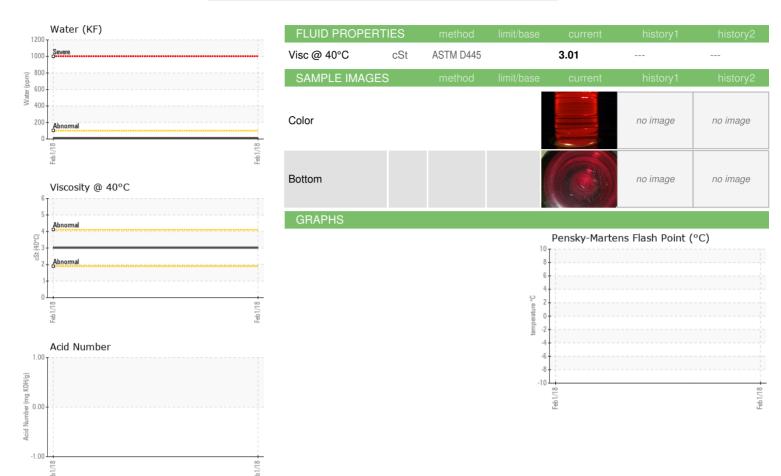
Contaminants

There is no indication of any contamination in the

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HPL005698		
Sample Date		Client Info		01 Feb 2018		
Machine Age		Client Info		0		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>2	0		
Chromium	ppm	ASTM D5185m	>2	0		
Nickel	ppm	ASTM D5185m	>2	<1		
Titanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>2	0		
Lead	ppm	ASTM D5185m	>2	<1		
Copper	ppm	ASTM D5185m	>2	<1		
Tin	ppm	ASTM D5185m	>2	0		
Antimony	ppm	ASTM D5185m	>2	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		3		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		<1		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		7		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>10	0		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.05	0.001		
ppm Water	ppm	ASTM D6304		10		
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	>0.05	NEG		
Free Water	scalar	*Visual		NEG		



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Laboratory

Sample No. Lab Number : 04434459 Unique Number : 8143202

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : HPL005698

Received **Tested** Diagnosed

: 23 Mar 2018 : 26 Mar 2018 : 26 Mar 2018 - Jonathan Hester

KENSING 2525 S KENSINGTON RD

KANKAKEE, IL US 60901

Test Package : MOB 2 (Additional Tests: KF) Certificate 12367

Contact: TIM HUBERT timothy.hubert@kensingsolutions.com T: (815)939-8918

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: x: Contact/Location: TIM HUBERT - BASKAN