

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

KING 15W40 BIG PLUS CK4

New (Unused) Oil

{not provided} (--- GAL)

Recommendation

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

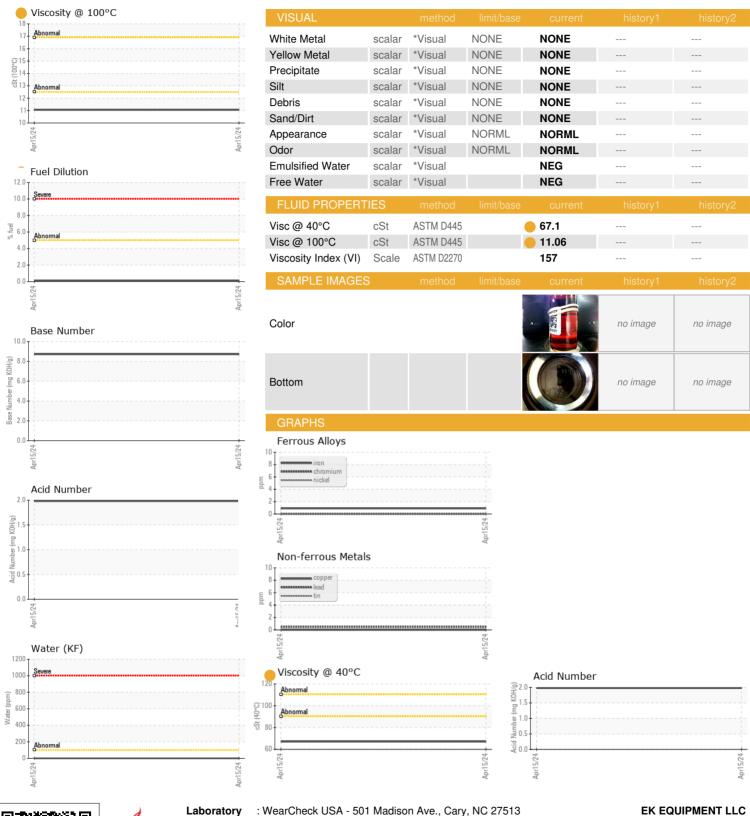
Fluid Condition

The oil viscosity is lower than typical, possibly indicating lighter grade oil.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0913431		
Sample Date		Client Info		15 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		<1		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		2		
Lead	ppm	ASTM D5185m		<1		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		426		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		124		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		534		
Calcium	ppm	ASTM D5185m		1442		
Phosphorus	ppm	ASTM D5185m		880		
Zinc	ppm	ASTM D5185m		1030		
Sulfur	ppm	ASTM D5185m		3516		
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		8		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
Fuel	%	ASTM D3524		0.1		
Water	%	ASTM D6304		NEG		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
		ASTM D8045		1.98		
Acid Number (AN)	mg KOH/g	ASTIVI D0045		1.90		
Acid Number (AN) Base Number (BN)	mg KOH/g mg KOH/g	710111120010		8.72		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WC0913431 Lab Number : 06153861 Unique Number : 10989284

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 18 Apr 2024 **Tested**

: 23 Apr 2024 Diagnosed

392 ELWOOD RD FORT PLAIN, NY : 23 Apr 2024 - Jonathan Hester US 13339 Test Package : MOB 2 (Additional Tests: FT-IR, FuelDilution, ICP-NewOil, KF, KV100, PercentFuel, PrtCount, TBN, VI Contact: ELAM

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - 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)

Report Id: ELAFOR [WUSCAR] 06153861 (Generated: 04/23/2024 15:31:46) Rev: 1

Contact/Location: ELAM - ELAFOR

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