

## **OIL ANALYSIS REPORT**

# CD3 EMOD CD3E-U-703001-G1

Component **Diesel Engine** DIESEL ENGINE OIL SAE 15W40 (--- GAL)

### Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

#### Wear

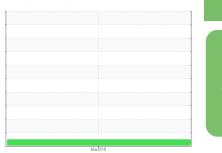
Metal levels are typical for a new component breaking in.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



Sample Rating Trend



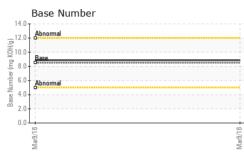
NORMAL

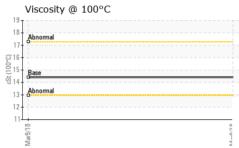
				Mar2018		
SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WCI2318260		
Sample Date		Client Info		09 Mar 2018		
Machine Age	hrs	Client Info		242		
Oil Age	hrs	Client Info		190		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	J	method	limit/base	current	history1	history2
	N					
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	4		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>2	<1		
Titanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>20	<1		
Lead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m	>330	2		
Tin	ppm	ASTM D5185m	>15	<1		
Antimony	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		mathad	limit/base	ourropt	biotor (1	history ()
		method		current	history1	history2
Boron	ppm	ASTM D5185m	250	76		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	450	8		
Calcium	ppm	ASTM D5185m	3000	2540		
Phosphorus	ppm	ASTM D5185m	1150	1035		
Zinc	ppm	ASTM D5185m	1350	1051		
Sulfur	ppm	ASTM D5185m	4250	4730		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	10		
Sodium	ppm	ASTM D5185m		9		
Potassium	ppm	ASTM D5185m	>20	2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0		
Nitration	Abs/cm	*ASTM D7624	>25	6.		
Sulfation	Abs/.1mm	*ASTM D7024	>35	0. 18.		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.		
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	8.84		
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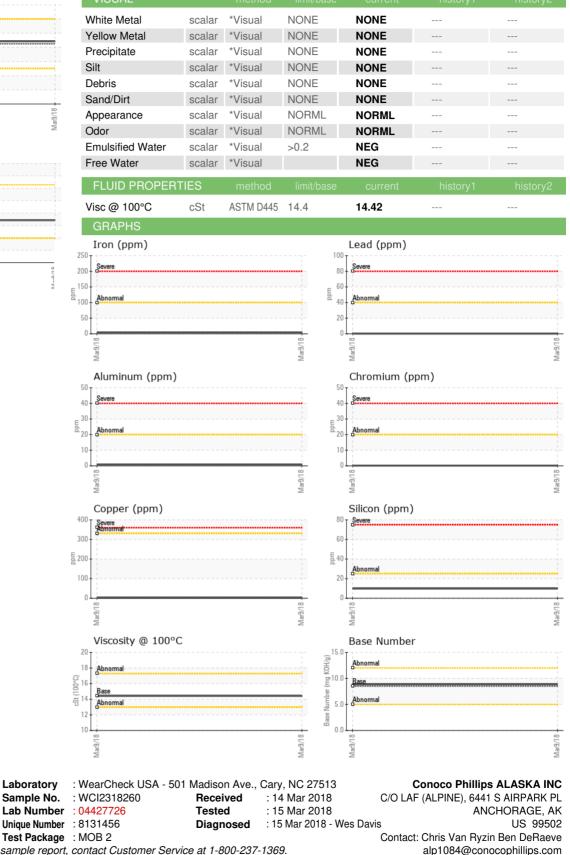
Contact/Location: Chris Van Ryzin Ben DeRaeve - CONANCAK



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 Certificate 12367
 Test Package
 : MOB 2
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 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.
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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (907)670-4137

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