WEAR CONTAMINATION FLUID CONDITION

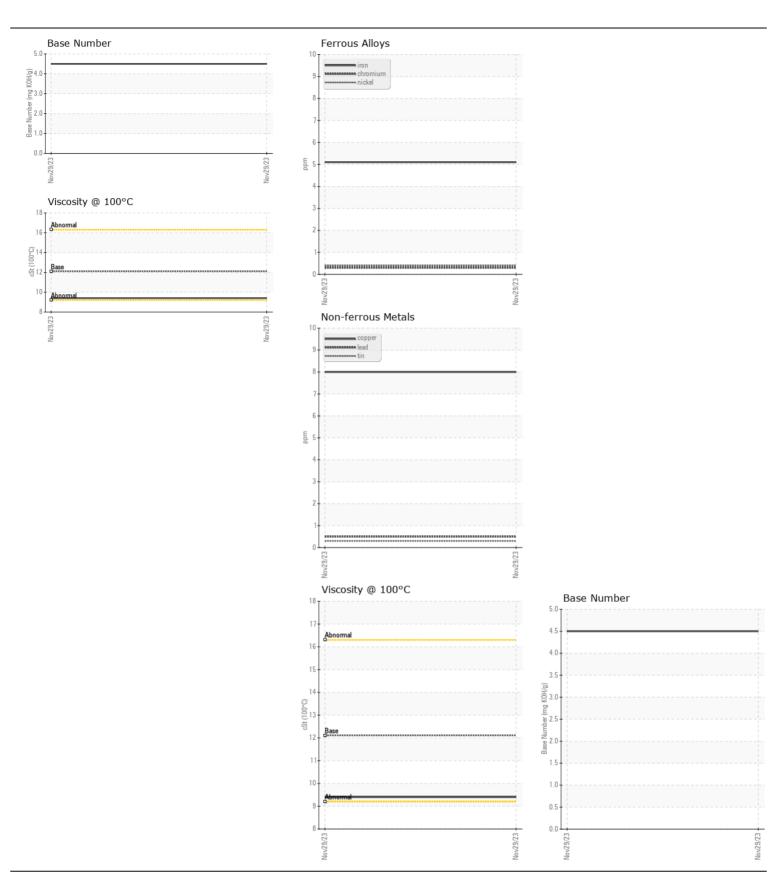
NORMAL NORMAL NORMAL

Machine Id

NOT GIVEN WC0760530

Component
Diesel Engine

Test	Diesel Engine							
Sample Number Cleant Into WC786389 Sample Number Cleant Into Sample Number Sampl	CASTROL EDGE SLX PRO OE 5W30 (GAL)							
Sample Number Cleant Into WC786389 Sample Number Cleant Into Sample Number Sampl		Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Sample Date Machine Age mis Citent Info O O O O O O O O O	Resample at the next service interval to monitor. Please specify the						,	
Machine Age mils Clent Info 0 0								
Filter Age		Machine Age	mls	Client Info		5826		
Filter Age		Oil Age	mls	Client Info		0		
Filter Changed Samples Status		_	mls	Client Info		0		
Metal levels are typical for a new component breaking in. Iron ppm ASTM DS186m >100 5		Oil Changed		Client Info		Changed		
Iron		Filter Changed		Client Info		N/A		
Chromium Chromium Chromium SIM DS185m S20 <1		Sample Status				NORMAL		
Chromium Chromium Chromium SIM DS185m S20 <1	WEAR	Iron	mag	ASTM D5185m	>100	5		
Mickel ppm ASTM 05185n 34 c1 .	WEAT!							
Titanium ppm ASTM 05185m 0	Metal levels are typical for a new component breaking in.							
Silver								
Aluminum ppm ASTM D5185m >20 2 Lead ppm ASTM D5185m >30 8 Copper ppm ASTM D5185m >330 8 Time ppm ASTM D5185m >330 8 Time ppm ASTM D5185m >330 8 With Metal Scalar "Visual NONE NONE NONE NONE White Metal Scalar "Visual NONE					>3			
Lead ppm ASTM D6185m 340 <1			• • • • • • • • • • • • • • • • • • • •					
Copper								
Tin			• • • • • • • • • • • • • • • • • • • •					
Vanadium Vanadium								
White Metal Yellow Metal Scalar *Visual NONE NONE NONE Yellow Metal Yellow Metal Scalar *Visual NONE NONE Yellow Metal Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NEG Yellow Metal Scalar *Visual NONE NEG Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE								
Yellow Metal Scalar *Visual NONE NONE		White Metal			NONE	NONE		
Potassium ppm ASTM D5185m >20 <1		Yellow Metal		*Visual	NONE			
Potassium ppm ASTM D5185m >20 <1								
Fuel WC Method >5 <1.0	CONTAMINATION		ppm					
Water	There is no indication of any contamination in the oil.		ppm					
Glycol								
Soot %					>0.2			
Nitration Abs/cm *ASTM D7624 >20 9.4		-						
Sulfation Abs/.lmm "ASTM D7415 >30 21.7 Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML N								
Silt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NORML NORML								
Debris Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NORML NORML NORML NORML Scalar *Visual NORML NORML								
Sand/Dirt Scalar *Visual NONE NONE NONE Appearance Scalar *Visual NORML NORM								
Appearance Scalar *Visual NORML NORML Codor Scalar *Visual NORML NORML NORML NORML Emulsified Water Scalar *Visual NORML NOR								
Calcium Calc								
Emulsified Water scalar *Visual >0.2 NEG		• •						
Sodium ppm ASTM D5185m 3								
Boron ppm ASTM D5185m 0	<u> </u>		Scalai	Visuai	>0.2			
Boron ppm ASTM D5185m 0	FLUID CONDITION	Sodium	ppm	ASTM D5185m		3		
oil. The condition of the oil is suitable for further service. Molybdenum ppm ASTM D5185m 71 Manganese ppm ASTM D5185m 3 Magnesium ppm ASTM D5185m 540 Calcium ppm ASTM D5185m 1925 913 Phosphorus ppm ASTM D5185m 645 Zinc ppm ASTM D5185m 840 738 Sulfur ppm ASTM D5185m 2692 Oxidation Abs/.1mm *ASTM D7414 >25 14.8 Base Number (BN) mg KOH/g ASTM D2896 4.5		Boron	ppm	ASTM D5185m		31		
Molybdenum ppm ASTM D5185m 71 Magnesium ppm ASTM D5185m 3 Magnesium ppm ASTM D5185m 540 Calcium ppm ASTM D5185m 1925 913 Phosphorus ppm ASTM D5185m 645 Zinc ppm ASTM D5185m 840 738 Sulfur ppm ASTM D5185m 2692 Oxidation Abs/.1mm *ASTM D7414 >25 14.8 Base Number (BN) mg KOH/g ASTM D2896 4.5	, , , , , , , , , , , , , , , , , , , ,	Barium	ppm	ASTM D5185m		0		
Magnesium ppm ASTM D5185m 540 Calcium ppm ASTM D5185m 1925 913 Phosphorus ppm ASTM D5185m 645 Zinc ppm ASTM D5185m 840 738 Sulfur ppm ASTM D5185m 2692 Oxidation Abs/.1mm *ASTM D7414 >25 14.8 Base Number (BN) mg KOH/g ASTM D2896 4.5		Molybdenum	ppm	ASTM D5185m		71		
Calcium ppm ASTM D5185m 1925 913 Phosphorus ppm ASTM D5185m 645 Zinc ppm ASTM D5185m 840 738 Sulfur ppm ASTM D5185m 2692 Oxidation Abs/.1mm *ASTM D7414 >25 14.8 Base Number (BN) mg KOH/g ASTM D2896 4.5		Manganese	ppm	ASTM D5185m		3		
Phosphorus ppm ASTM D5185m 645 Zinc ppm ASTM D5185m 840 738 Sulfur ppm ASTM D5185m 2692 Oxidation Abs/.1mm *ASTM D7414 >25 14.8 Base Number (BN) mg KOH/g ASTM D2896 4.5		Magnesium	ppm	ASTM D5185m		540		
Zinc ppm ASTM D5185m 840 738 Sulfur ppm ASTM D5185m 2692 Oxidation Abs/.1mm *ASTM D7414 >25 14.8 Base Number (BN) mg KOH/g ASTM D2896 4.5		Calcium	ppm	ASTM D5185m	1925	913		
Sulfur ppm ASTM D5185m 2692 Oxidation Abs/.1mm *ASTM D7414 >25 14.8 Base Number (BN) mg KOH/g ASTM D2896 4.5		Phosphorus	ppm	ASTM D5185m		645		
Oxidation Abs/.1mm *ASTM D7414 >25 14.8 Base Number (BN) mg KOH/g ASTM D2896 4.5		Zinc	ppm	ASTM D5185m	840	738		
Base Number (BN) mg KOH/g ASTM D2896 4.5		Sulfur	ppm	ASTM D5185m		2692		
		Oxidation			>25			
Visc @ 100°C cSt ASTM D445 12.1 \ 9.4								
		Visc @ 100°C	cSt	ASTM D445	12.1	9.4		







Certificate L2367

Laboratory Sample No. Lab Number

: WC0760530 : 06054610 Unique Number : 10820559 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 08 Jan 2024 : 09 Jan 2024 Diagnosed

Diagnostician : Wes Davis

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)

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