

OIL ANALYSIS REPORT



MINING ME-116 CATERPILLAR 980M KRS02985

Component Transmission (Manual)

SHELL Spirax S4 CX 30 (





Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

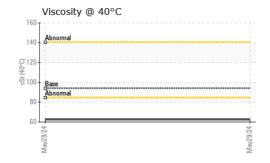
Fluid Condition

The condition of the oil is acceptable for the time in service.

) (GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0919974		
Sample Date		Client Info		29 May 2024		
Machine Age	hrs	Client Info		14785		
Dil Age	hrs	Client Info		500		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Vater		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
on	ppm	ASTM D5185m	>200	65		
hromium	ppm	ASTM D5185m	>5	0		
ickel	ppm	ASTM D5185m	>5	0		
itanium	ppm	ASTM D5185m		0		
ilver	ppm	ASTM D5185m	>7	0		
luminum	ppm	ASTM D5185m	>25	2		
ead	ppm	ASTM D5185m	>45	0		
opper	ppm	ASTM D5185m	>225	18		
in	ppm	ASTM D5185m	>10	0		
anadium	ppm	ASTM D5185m		0		
admium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
oron	ppm	ASTM D5185m		19		
arium	ppm	ASTM D5185m		0		
olybdenum	ppm	ASTM D5185m		3		
anganese	ppm	ASTM D5185m		<1		
agnesium	ppm	ASTM D5185m		11		
alcium	ppm	ASTM D5185m		3037		
hosphorus	ppm	ASTM D5185m		1033		
inc	ppm	ASTM D5185m		1226		
ulfur	ppm	ASTM D5185m		5533		
CONTAMINANTS	;	method	limit/base	current	history1	history2
ilicon	ppm	ASTM D5185m	>125	4		
odium	ppm	ASTM D5185m		4		
otassium	ppm	ASTM D5185m	>20	0		
VISUAL		method	limit/base	current	history1	history2
/hite Metal	scalar	*Visual	NONE	NONE		
ellow Metal	scalar	*Visual	NONE	NONE		
recipitate	scalar	*Visual	NONE	NONE		
ilt	scalar	*Visual	NONE	NONE		
ebris	scalar	*Visual	NONE	NONE		
and/Dirt	scalar	*Visual	NONE	NONE		
ppearance	scalar	*Visual	NORML	NORML		
dor	scalar	*Visual	NORML	NORML		
mulsified Water	scalar	*Visual	>0.1	NEG		
ree Water	scalar	*Visual		NEG		
6:10) Pov: 1					Submitted By	

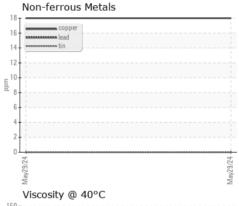


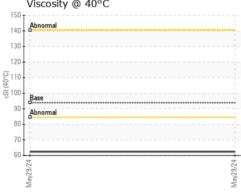
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FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	93.9	62.4		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
CDADHS						

Ferrous Alloys







Certificate 12367

Laboratory Lab Number : 06198055 Unique Number : 11060178 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **Sample No.** : WC0919974

Received : 03 Jun 2024 Tested Diagnosed

: 05 Jun 2024

: 05 Jun 2024 - Don Baldridge

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

US 54751 Contact: Jeremy Wagner jeremy.wagner@coviacorp.com T: (715)235-0942

COVIA - MENOMONIE - 852

N5628 580TH STREET

MENOMONIE, WI

* - 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: COVMEN [WUSCAR] 06198055 (Generated: 06/05/2024 12:36:19) Rev: 1

Submitted By: Megan Mousel