

OIL ANALYSIS REPORT

Sample Rating Trend





Area Minine Io ME-032 CATERPILLAR 980M KRS03126 Component Rear Right Final Drive

SHELL Spirax S4 CX 30 (--- GAL)

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Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

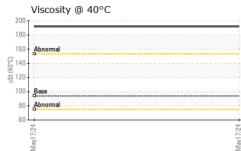
Fluid Condition

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0928529		
Sample Date		Client Info		17 May 2024		
Machine Age	hrs	Client Info		11535		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	1	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>800	49		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m	>15	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>75	3		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>75	18		
Tin	ppm	ASTM D5185m	>8	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		4		
Barium	ppm	ASTM D5185m		0		
Volybdenum	ppm	ASTM D5185m		3		
Vanganese	ppm	ASTM D5185m		<1		
Vagnesium	ppm	ASTM D5185m		32		
Calcium	ppm	ASTM D5185m		3110		
Phosphorus	ppm	ASTM D5185m		1071		
Zinc	ppm	ASTM D5185m		1289		
Sulfur	ppm	ASTM D5185m		7288		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	8		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	3		
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		
	scalar	*Visual	NONE	NONE		
Sand/Dirt						
Sand/Dirt Appearance	scalar	*Visual	NORML	NORML		
	scalar scalar	*Visual *Visual	NORML NORML	NORML NORML		
Appearance						



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FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	93.9	192		
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys			May17/24 May17			
: WearCheck USA - 50 : WC0928529 r : 06202180 r : 11069641 e : CONST t, contact Customer Ser	Rece Teste Diagr	ived : 0 ed : 0 nosed : 10	6 Jun 2024 7 Jun 2024) Jun 2024 - Dor	n Baldridge	296 L Cor	PEVELY - 0 88 HIGHWAY PEVELY, N IS 63070-32 tact: Steve E Docoviacorp.cc

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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Certificate L2367

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