

OIL ANALYSIS REPORT

Area **Special Metals - S01200 FK399** Component

Unknown Component Fluid ESSO NUTO H ISO 46 (--- GAL)

DIAGNOSIS

Recommendation MPC is critical

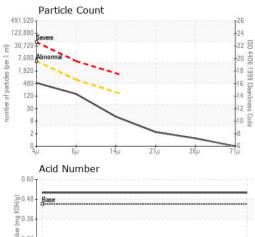
				Mar2024		
SAMPLE INFORM	ΛΑΤΙΟΝ	method	limit/base	current	history1	history2
Machine ID		Client Info		4000T Press Mai		
Department		Client Info		Sales		
Sent to WC		Client Info		03/13/2024		
Sample Number		Client Info		E30001215		
Sample Date		Client Info		13 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)		2		
Chromium	ppm	ASTM D5185(m)		0		
Nickel	ppm	ASTM D5185(m)		<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)		<1		
_ead	ppm	ASTM D5185(m)		<1		
Copper	ppm	ASTM D5185(m)		2		
Tin Antimony	ppm ppm	ASTM D5185(m) ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0	<1		
Barium	ppm	ASTM D5185(m)	0	0		
Volybdenum	ppm	ASTM D5185(m)	0	0		
Vanganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)	5	20		
Calcium	ppm	ASTM D5185(m)	50	31		
Phosphorus	ppm	ASTM D5185(m)	330	345		
Zinc	ppm	ASTM D5185(m)	410	306		
Sulfur	ppm	ASTM D5185(m)	2700	1230		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		0		
Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)	>20	<1		
Water	%	ASTM D6304*		0.006		
ppm Water	ppm	ASTM D6304*		68		

Sample Rating Trend

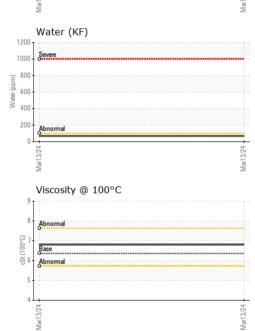


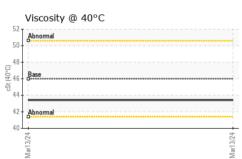


OIL ANALYSIS REPORT

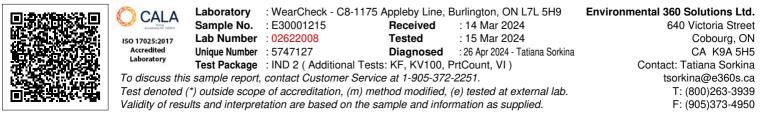








FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	454		
Particles >6µm		ASTM D7647	>640	134		
Particles >14µm		ASTM D7647	>160	11		
Particles >21µm		ASTM D7647	>40	2		
Particles >38µm		ASTM D7647	>10	1		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/16/14	16/14/11		
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.45	0.52		
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		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulsified Water	scalar	Visual*		NEG		
Free Water	scalar	Visual*		NEG		
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	46	43.4		
Visc @ 100°C	cSt	ASTM D7279(m)	6.36	6.8		
Viscosity Index (VI)	Scale	ASTM D2270*		111		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image



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