

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id HPL PCMO 5W30 Component New (Unused) Oil Fluid {not provided} (--- GAL)

DIAGNOSIS

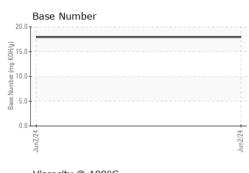
Recommendation

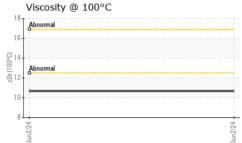
This is a baseline read-out on the submitted sample.

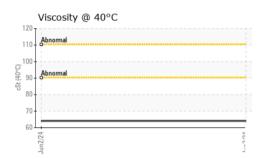
SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HPL0003961		
Sample Date		Client Info		02 Jun 2024		
Machine Age	mls	Client Info		0		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		0		
Chromium	ppm	ASTM D5185m		<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		5		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		17		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		579		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		2068		
Calcium	ppm	ASTM D5185m		1138		
Phosphorus	ppm	ASTM D5185m		717		
Zinc	ppm	ASTM D5185m		852		
Sulfur	ppm	ASTM D5185m		7864		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		13		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Base Number (BN)	mg KOH/g	ASTM D2896		17.94		



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Acid Number

1.0

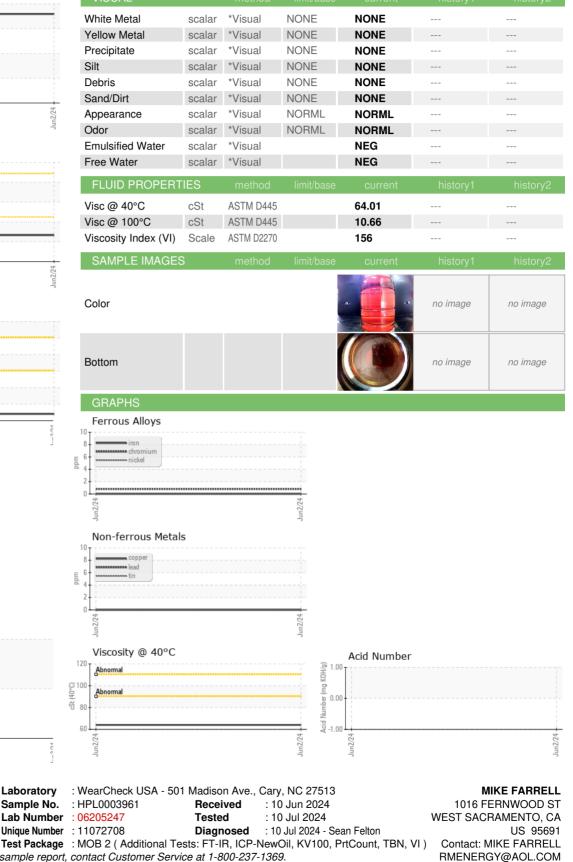
0.0

-1.0

KOH/a)

D L L

Acid



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)

Certificate 12367

Laboratory

Sample No.

Contact/Location: MIKE FARRELL - MIKWESCA

T:

F: