



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**[MAIL 24/6/19]**  
 Machine Id  
**DIPHYL THT**  
 Component  
**Heat Transfer Fluid**  
 Fluid  
**LANXESS DIPHYL THT (--- LTR)**



## DIAGNOSIS

### Recommendation

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

### Wear

{not applicable}

### Contamination

{not applicable}

### Fluid Condition

{not applicable}

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC</b>	---	---
Sample Date	Client Info		<b>03 Oct 2023</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D974*	0.01	<b>0.04</b>	---	---

## VISUAL

	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---

## FLUID PROPERTIES

	method	limit/base	current	history1	history2	
Specific Gravity	ASTM D1298 *	1.004	<b>1.016</b>	---	---	
Visc @ 40°C	cSt	ASTM D7279(m)	27	<b>30.6</b>	---	---
Pensky-Martens Flash Point	°C	ASTM D7215*	190	<b>190.5</b>	---	---

## SIMULATED DISTILLATON (GCD)

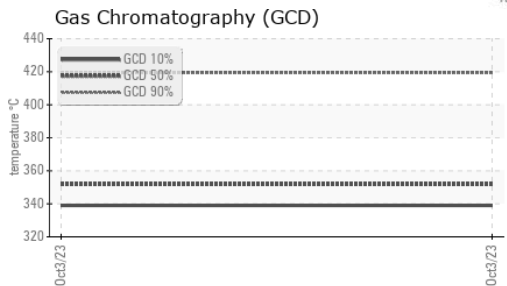
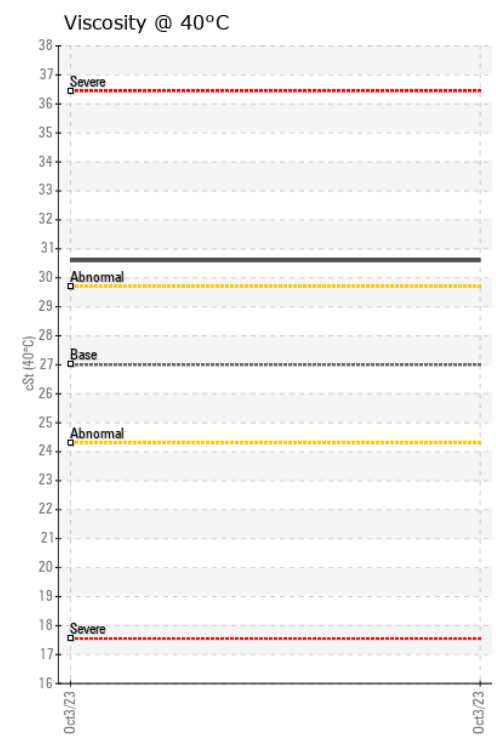
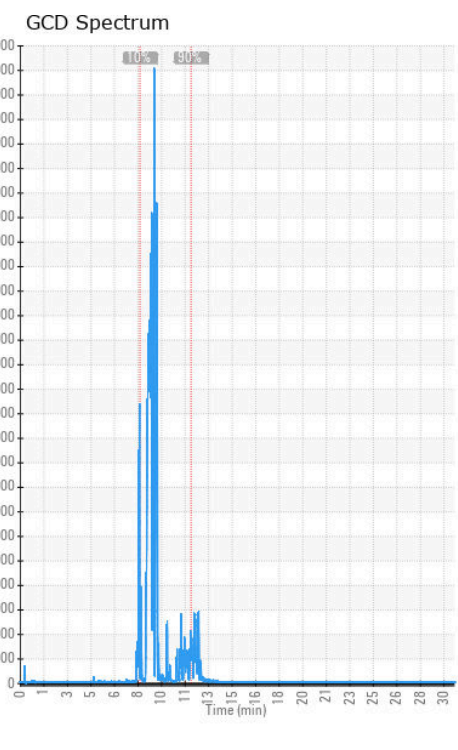
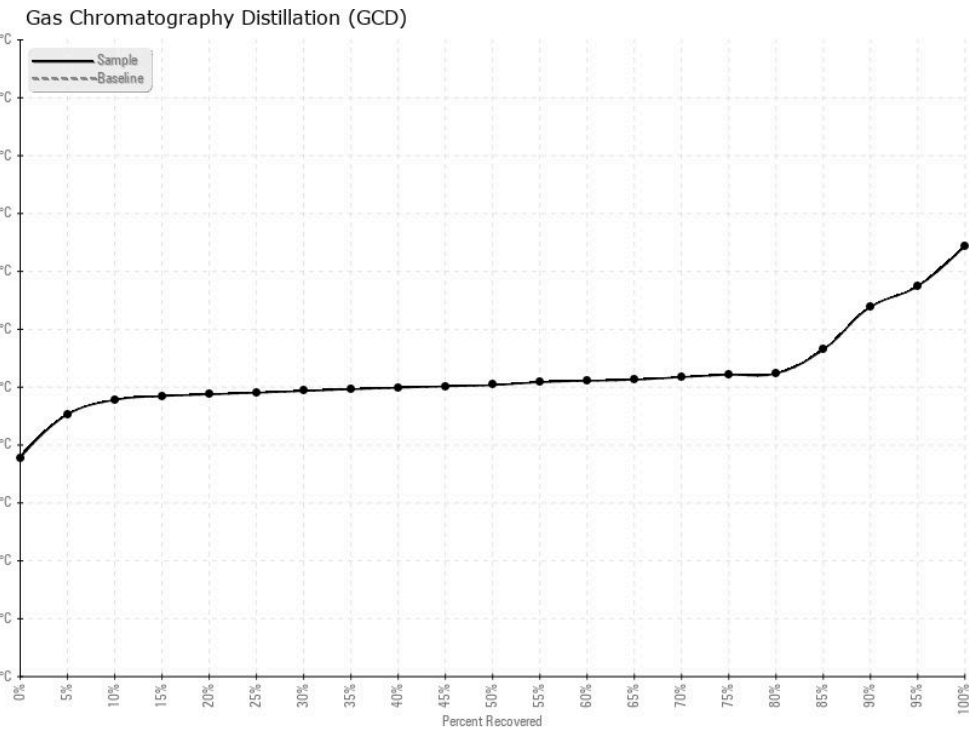
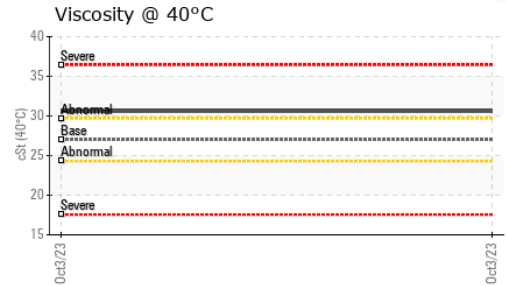
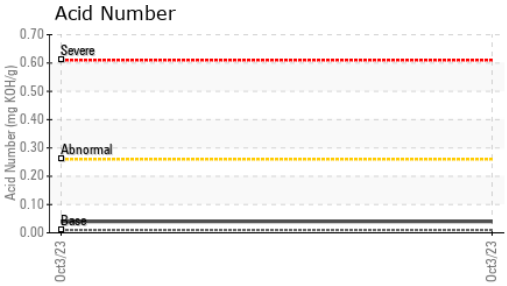
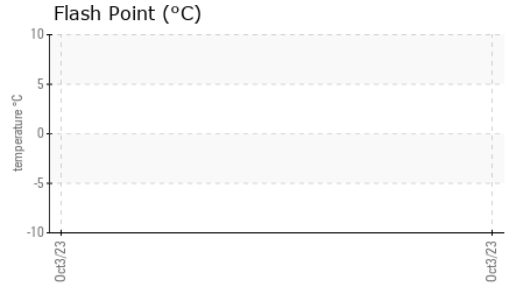
	method	limit/base	current	history1	history2	
(GCD) % < 335°C	°C	ASTM D2887*		<b>9.04</b>	---	---
(GCD) Initial Boiling Point	°C	ASTM D2887*		<b>289.0</b>	---	---
(GCD) 5% Distillation Point	°C	ASTM D2887*		<b>326.5</b>	---	---
(GCD) 10% Distillation Point	°C	ASTM D2887*		<b>339.0</b>	---	---
(GCD) 20% Distillation Point	°C	ASTM D2887*		<b>343.8</b>	---	---
(GCD) 30% Distillation Point	°C	ASTM D2887*		<b>346.7</b>	---	---
(GCD) 40% Distillation Point	°C	ASTM D2887*		<b>349.5</b>	---	---
(GCD) 50% Distillation Point	°C	ASTM D2887*		<b>351.8</b>	---	---
(GCD) 60% Distillation Point	°C	ASTM D2887*		<b>355.5</b>	---	---
(GCD) 70% Distillation Point	°C	ASTM D2887*		<b>358.7</b>	---	---
(GCD) 80% Distillation Point	°C	ASTM D2887*		<b>361.8</b>	---	---
(GCD) 90% Distillation Point	°C	ASTM D2887*		<b>419.3</b>	---	---
(GCD) FBP% Distillation Point	°C	ASTM D2887*		<b>472.1</b>	---	---

## SAMPLE IMAGES

	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

# OIL ANALYSIS REPORT

## GRAPHS



<b>Laboratory</b> : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9	<b>Received</b> : 04 Oct 2023	<b>Alpha Maintenance Systems</b>
<b>Sample No.</b> : WC	<b>Diagnosed</b> : 07 Oct 2023	WearCheck Belgium, 713 Bergensesteenweg
<b>Lab Number</b> : 02586969	<b>Diagnostician</b> : Bill Quesnel	St.-Pieters-Leeuw, ZZ
<b>Unique Number</b> : 5656035		BE B-1600
<b>Test Package</b> : TEST ( Additional Tests: API, CC Flash, Cetane, COC Flash, Fuel, GC-PercFuel, GCD, KV40, SpecGravity		Contact: André Verlinden
<i>To discuss this sample report, contact Customer Service at 1-800-268-2131.</i>		andre.verlinden@alphams.eu
<i>Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.</i>		T: 3(202)365-0229
<i>Validity of results and interpretation are based on the sample and information as supplied.</i>		F: 3(202)361-3458