

## **DUPLEX FILTER**

## Customer: PTRHTF10028

PPG AEROSPACE 11601 UNITED ST MOJAVE, CA 93501 USA

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## System Information

System Volume: 1200 gal

Bulk Operating Temp: 520F / 271C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make: PARKER

## Sample Information

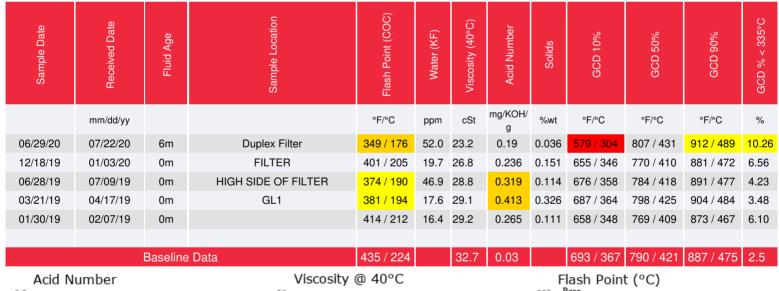
Lab No: 02366168 Analyst: Steven Slanker Sample Date: 06/29/20 Received Date: 07/22/20 Completed: 07/29/20

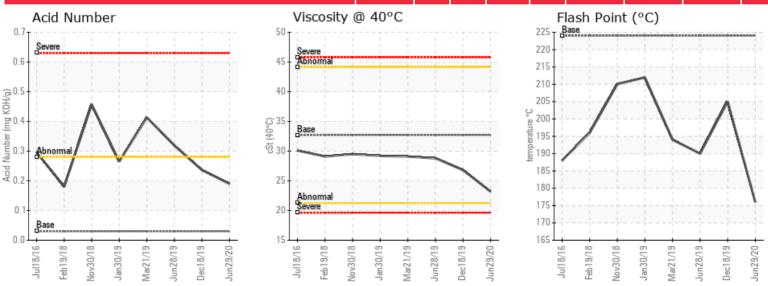
Steven Slanker

steven.slanker@petrocanadalsp.com

Recommendation: The 10% distillation point is low and the % <335°C high. Vent off the low boilers, check how the heaters are operating and resample.

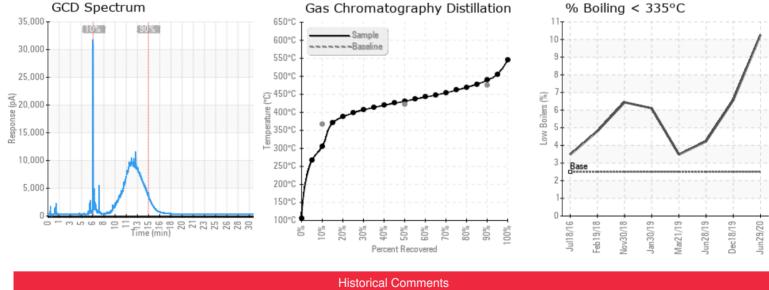
Comments: (GCD) 10% Distillation Point is severely low. COC Flash Point is abnormally low. (GCD) % < 335°C is marginally high. (GCD) 90% Distillation Point is marginally high.







Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments	
12/18/19	This sample is very similar to the last two sample with the exception that the acid value has improved from 0.413 to 0.319 to 0.236. It is suitable for continued use.
06/28/19	The acid number has been reduced but still on the higher side. The flash point is slightly lower than a new sample. Do a partial oil replacement to reduce then acid number to less than 0.25.
	Acid number is on the high side. Review and minimize hot fluid's exposure to air. Subsequently consider partial fluid replacement to reduce acid number. Acid Number (AN) is abnormally high. COC Flash Point is marginally low.
01/30/19	Sample appears normal. Resample in 3 months.

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