



## [DORADA POULTRY] FULTON2&3

Customer:	System Information	Sample Information
WEARCHECK CANADA INC. C8-1175 Appleby Line BURLINGTON, ON L7L 5H9 Canada Attn: Dorian Anderson Tel: E-Mail: dorian.anderson@wearcheck.com	System Volume: 0 gal Bulk Operating Temp: 330F / 166C Heating Source: Blanket: Fluid: PARATHERM NF Make: HEATEC	Lab No: 02329290 Analyst: Garrett Bapp Sample Date: 11/25/19 Received Date: 12/30/19 Completed: 01/30/20 Garrett Bapp Garrett.Bapp@petrocanadalsp.com

Recommendation: Sample missing critical criteria to make in-depth analysis about fluid condition and actions needed. Unit Age, Oil Age and History should be filled in to provide complete diagnosis of system and fluid. Based on GDC % and low GCD 10% and 50%, this fluid is going through thermal degradation. GCD profile shows a oil that has be thermally cracked. High GCD % indicates cracked hydrocarbons. Depending on system volume and age of fluid will justify action needed to take. Intervention will need to be taken before system becomes heavily cracked. Consult Technical Service Advisor for system evaluation and action needed.

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

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/25/19	12/30/19	0y	FA-10611	338 / 170	0.00	17.2	0.036	0.068	517 / 269	649 / 343	773 / 412	43.59
Baseline Data				342 / 172		17.9	0.04		572 / 300	689 / 365	808 / 431	22.7



