

# Lubricant Analysis Report

North America: +1-877-808-3750

Latin America: +1-317-808-3750 / +502-3093-6466 (WhatsApp)

Europe: +1-317-808-3750

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: 122750-0001-0000 Company Name: ARCH OIL COMMENTS Contact: Address:  Phone Number:		Component ID: # 5902 Secondary ID: Component Type: BASELINE REFERENCE Manufacturer: <a href="#">Information Requested</a> Model: <a href="#">Information Requested</a> Application: BASELINE REFERENCE Sump Capacity:		Tracking Number: 00009676682 Lab Number: Z-213403 Lab Location: Poznan Data Analyst: CXW Sampled: 2021 Received: 24-Sep-2021 Completed: 01-Oct-2021	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: <a href="#">Information Requested</a> Micron Rating: 0				Product Manufacturer: MOTUL Product Name: 300V Viscosity Grade: SAE 15W50	
Comments	Data used for baseline reference only. Data indicates no abnormal findings. Resample at normal interval. MIXING of 2 different lubricants acknowledged. For this reason, additive and/or viscosity flags are removed. Continue to monitor changes with these areas. Your note was taken into consideration.				

Wear Metals (ppm)											Contaminant			Multi-Source Metals (ppm)						Additive Metals (ppm)				
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
1	2	0	3	0	1	0	0	0	0	0	10	3	2	0	497	1	0	0	88	1	2104	2	900	1045

Sample Information								Contaminants			Fluid Properties					
Sample #	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100 °C	Acid Number	Base No. D4739	Oxidation	Nitration
			h	h	Lube	gal	Filter	%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
1	N/A	24-Sep-2021	0	0	Unk	0	Unk			<.1 - FTIR	89.1	14.4	2.80		52	8

Particle Count (particles/mL)										Additional Testing		
Sample #	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method	Base No. D2896	Viscosity Index
	Based On	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL		mg KOH / g	Index Number
1	4/6/14	/ /									8.2	166

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Results relate only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.