

System:	COOL COMPRESSOR	Customer:	DAIKIN POLAND(DAPO)
Sump Capacity:	?	Address:	UL.TASMOWA 7
Lubricant:	?	Your customer:	COLGATE PAL%OLIVE
Labocodenbr:	114764-AF.9	Your ref.:	
Samplenumbr:	04.03.24 B003		
Labelnumber:	425000015320		
Date sample drawn:	4.01.2024		
Sampling:	by client		

Diagnostic



Oil



Pollution



Wear



Viscosity non considered, oil in use not given. There is a small amount of water in the oil. Wear elements within tolerance. The diagnose is incomplete while the make and type of the oil are not known.

Attention

Results: 04.03.24 B003

Method*	Unit	Current sample
Analysis date		4/03/2024
Date of receipt		4/03/2024
Sample date		4/01/2024
H/Km Oil		?
H/Km total		?
Top up		?

Oil Condition:

Method*	Unit	Current sample	
Viscosity at 40°C	ASTM D7279	cSt	190.0
Viscosity at 100°C	ASTM D7279	cSt	
Viscosity-index	ASTM D2270		
Fuel dilution	ASTM D7593	%	
AN	ASTM D8045	mg KOH/g	0.04
BN	ASTM D2896B	mg KOH/g	
Oxidation	ASTM E2412	Abs/0.1mm	
Nitration	ASTM E2412	Abs/0.1mm	
PMCC	ASTM D93	°C	
COC	ASTM D92B	°C	
Color	ASTM D1500		

Additives:

Method*	Unit	Current sample	
Ba: Barium	ASTM D5185	ppm	1
Ca: Calcium	ASTM D5185	ppm	1
Mg: Magnesium	ASTM D5185	ppm	< 1
P: Phosphorus	ASTM D5185	ppm	20
S: Sulfur	ASTM D5185	%	0.01
Zn: Zink	ASTM D5185	ppm	< 1

Pollution:

Method*	Unit	Current sample	
Si: Silicon	ASTM D5185	ppm	27
B: Boron	ASTM D5185	ppm	1
Na: Sodium	ASTM D5185	ppm	1
Water	WI-0002	%	
Water (KF)	ASTM D6304C	ppm	187
Soot content	ASTM E2412	%	
Antifreeze	ASTM D2982A		
PC ISO grade	ASTM D7647		
PC Cleanliness class	ASTM D7647		
Insolubles	ASTM D4898	mg/l	

Wear metals:

Method*	Unit	Current sample	
Al: Aluminium	ASTM D5185	ppm	< 1
Cr: Chromium	ASTM D5185	ppm	< 1
Cu: Copper	ASTM D5185	ppm	1
Fe: Iron	ASTM D5185	ppm	3
Mo: Molybdenum	ASTM D5185	ppm	1
Pb: Lead	ASTM D5185	ppm	1
Sn: Tin	ASTM D5185	ppm	< 1
PQ index	WI-0021		

These conclusions are based on the tested supplied samples and information where the representativeness and validity cannot be guaranteed. Opinions and interpretation are outside the scope of accreditation. The measurement uncertainty is available on request. Samples are destroyed 2 months after receipt. The report may only be reproduced complete. Distribution on the responsibility of the client. *Methods are modified according to specified method. (A)Accreditation. (U)Outsourced.