

System: COOL COMPRESSOR
 Sump Capacity: ?
 Lubricant: ?
 Labocodenbr: 114764-AD.9
 Samplenumbr: 29.02.24 B008
 Labelnumber: 425000015323
 Date sample drawn: 12.02.2024
 Sampling: by client

Customer: DAIKIN POLAND(DAPO)
 Address: UL.TASMOWA 7
 PL-02- 677 WARSZAWA
 Your customer: EWAT850TZXR2027
 Your ref.: CH22B04776 CI2 CO2



Diagnostic



Oil



Pollution



Wear

Viscosity non considered, oil in use not given. Silicon content higher as normal. We notice black particles on the bottom of the sample bottle. Wear elements within tolerance. The diagnose is incomplete while the make and type of the oil are not known.

Attention

Results: 29.02.24 B008

Method*	Unit	Current sample
Analysis date		29/02/2024
Date of receipt		29/02/2024
Sample date		12/02/2024
H/Km Oil		? H
H/Km total		707 H
Top up		?

Oil Condition:

Method*	Unit	Current sample
Viscosity at 40°C	ASTM D7279	cSt 63.3
Viscosity at 100°C	ASTM D7279	cSt
Viscosity-index	ASTM D2270	
Fuel dilution	ASTM D7593	%
AN	ASTM D8045	mg KOH/g 0.02
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 13
S: Sulfur	ASTM D5185	% 0.01
Zn: Zink	ASTM D5185	ppm 1

Pollution:

Method*	Unit	Current sample
Si: Silicon	ASTM D5185	ppm 74
B: Boron	ASTM D5185	ppm 1
Na: Sodium	ASTM D5185	ppm 1
Water	WI-0002	%
Water (KF)	ASTM D6304C	ppm 3
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 < 1
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.