

System:	COOL COMPRESSOR	Customer:	DAIKIN POLAND(DAPO)
Sump Capacity:	?	Address:	UL.TASMOWA 7
Lubricant:	DAPHNE FVC D ISO 68	Your customer:	SHARP
Labocodenbr:	114764-AB.9	Your ref.:	
Samplenumbr:	09.10.23 B014		
Labelnumber:	425000015191		
Date sample drawn:	29.09.2023		
Sampling:	by client		

Diagnostic



Oil



Pollution



Wear



We notice a low phosphorus content. There is a small amount of water in the oil. Wear elements within tolerance.

Action

Results:	Method*	Unit	Current sample	09.10.23 B014
Analysis date			9/10/2023	
Date of receipt			9/10/2023	
Sample date			29/09/2023	
H/Km Oil			?	
H/Km total			?	
Top up			?	
Oil Condition:				
Viscosity at 40°C	ASTM D7279	cSt	66.7	
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:				
Ba: Barium	ASTM D5185	ppm	1	
Ca: Calcium	ASTM D5185	ppm	< 1	
Mg: Magnesium	ASTM D5185	ppm	< 1	
P: Phosphorus	ASTM D5185	ppm	164	
S: Sulfur	ASTM D5185	%	0.00	
Zn: Zink	ASTM D5185	ppm	1	
Pollution:				
Si: Silicium	ASTM D5185	ppm	7	
B: Boron	ASTM D5185	ppm	1	
Na: Sodium	ASTM D5185	ppm	< 1	
Water	WI-0002	%		
Water (KF)	ASTM D6304C	ppm	152	
Soot content	ASTM E2412	%		
Antifreeze	ASTM D2982A			
PC ISO grade	ASTM D7647			
PC Cleanliness class	ASTM D7647			
Insolubles	ASTM D4898	mg/l		
Wear metals:				
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 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.