

CHEVRON HELPS SHAONENG GROUP GUANGDONG ECO TECHNOLOGY CO LTD TO RESTORE COMPRESSOR PERFORMANCE WITH VARTECH INDUSTRIAL SYSTEM CLEANER

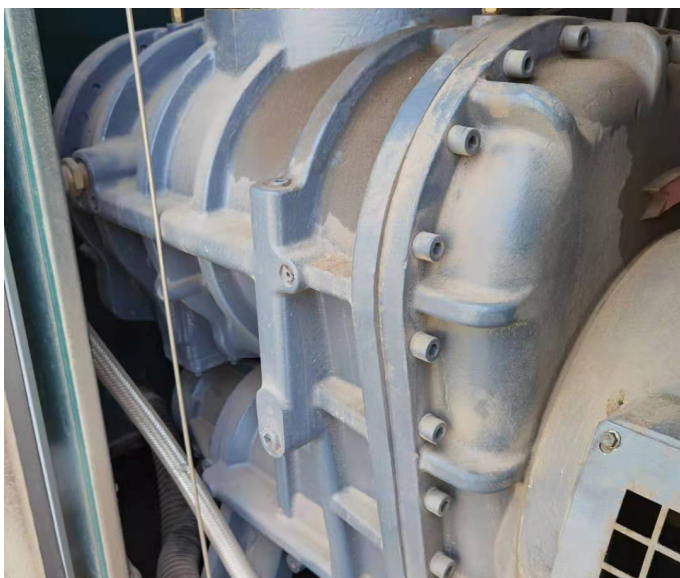
Leading Chinese paper products manufacturer maximised optimum compressor performance with VARTECH ISC and Cetus PAO 46



THE ISSUE

Shaoneng Group Guangdong Eco Technology Co Ltd is a leading biodegradable paper pulp products manufacturer based in Southern China. The customer was experiencing significant downtime due to compressor equipment overheating, caused by heavy varnish and blocked filters.

The customer brought in the local Chevron team to consult on the best solution for their business to improve equipment uptime and service intervals, while providing better protection for their compressor equipment. Due to lower production load at the plant, the compressor has not been in use for more than three months. This resulted in additional challenge to the cleaning of compressor as varnish had settled and even blocked the oil drain port.



COMPANY:	Shaoneng Group Guangdong Eco Technology Co Ltd
LOCATION:	Nanxiong Plant - Shaoguan City, Guangdong Province, China
APPLICATION:	Biodegradable paper pulp products manufacturing
EQUIPMENT:	Kaitain JN200-46/7 - II compressor
SOLUTION:	Chevron VARTECH Industrial System Cleaner and Chevron Cetus PAO 46



**SIGNIFICANT VARNISH
REMOVAL COMBINED WITH
OUTSTANDING DEEP CLEAN
CAPABILITIES ENSURING
EXTENDED DRAIN COMPRESSOR
OIL PERFORMANCE**



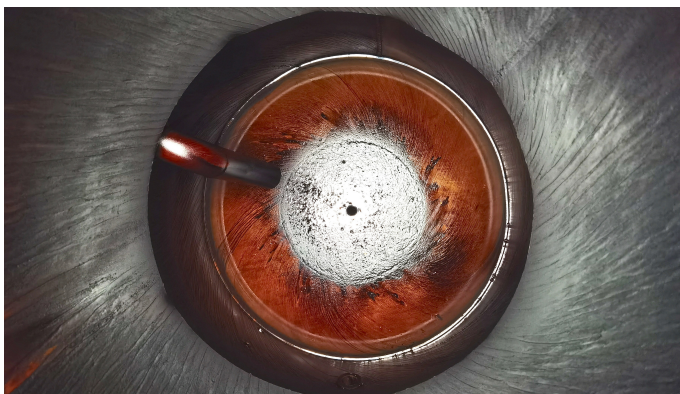
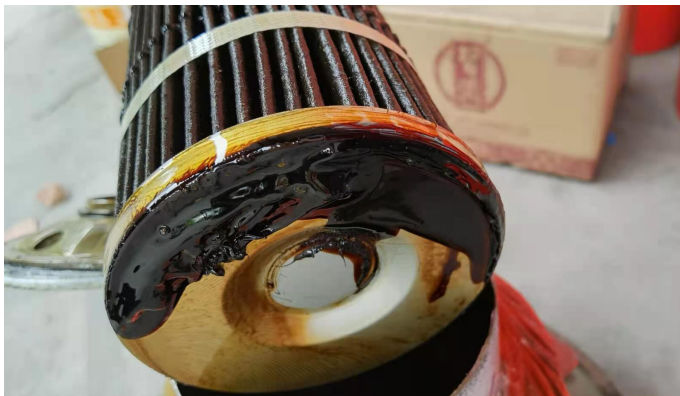
THE SOLUTION

Technical experts at Chevron advised the customer to use VARTECH Industrial System Cleaner (ISC) to dissolve varnish and sludge deposited in the compressor and oil sump tank, as the customer prepares to get the compressor back online. Given the extend of varnish, repeated usage along with oil flushing was recommended, followed by complete drain and addition of new compressor oil.



THE RESULTS

Following advice from Chevron’s technical experts, the customer added VARTECH ISC in two batches of 10% each over a 7 day period, while maintaining operating temperature over 90°C. Superior cleaning properties of VARTECH ISC along with repeated flushing resulted in significant varnish removal from the system along with a very clean tank. The customer was then able to fill the compressor with a fresh charge of Chevron Cetus PAO 46, restoring it’s performance.



SOLUTIONS DEPLOYED

VARTECH Industrial System Cleaner (ISC)

VARTECH Industrial System Cleaner (ISC) is a deposit-cleaning product which is added directly to the oil in use during operation to clean a system of varnish and sludge before a scheduled oil change. VARTECH ISC prepares the system for optimum performance of a new, fresh oil change.

Cetus PAO 46

Cetus PAO 46 oil is a premium performance, synthetic compressor oil based on polyalphaolefin technology. Cetus PAO 46 contains a rust and oxidation inhibitor system plus anti-wear additives to provide outstanding oxidation resistance and corrosion protection, and minimizes wear under severe operating conditions.



“The use results show that Chevron’s synthetic air compressor oil fully meets the requirements of our company’s Kaishan air compressor, can fully protect the equipment parts from damage and achieve a good lubrication state, and is worth using.”

– Shaoneng Group Guangdong Eco Technology Co Ltd

TESTIMONIAL

CHEVRON VARTECH ISC SHAOENNG GROUP GUANGDONG ECO TECHNOLOGY CO LTD

To find out more, visit www.caltex.com

A Chevron company product. ©2022 Chevron. All trademarks are property of Chevron Intellectual Property LLC or their respective owners.