

## **Education link marks new chapter for Reynolds**

Reynolds Contamination Control may not have 'written the book' on lubricant degradation – but now it's working closely with someone who has!

The Lincolnshire-based company has been relentless in its quest to boost filtration and particle control – and overall cleanliness in fluids. But now it has joined forces with Strategic Reliability Solutions Ltd (SRSL), founded by Trinidad-based Sanya Mathura MLE, as part of a major new education and training initiative.

SRSL is focused on enhancing the knowledge base of its clients through the provision of consulting and training programs targeted at niche areas such as lubrication (inclusive of lubrication certification preparation for ICML & STLE exams) and reliability (inclusive of RCA, RCM-R and PMP training).

Sanya is preparing to launch her new book *Lubrication Degradation Mechanisms: A Complete Guide* (published 30 November – by CRC Press). It aims to help personnel understand the reasons behind the degradation of their lubricant, determine methods to identify the onset of degradation and reduce or eliminate lubricant degradation within their equipment.

And now Sanya, who has a BSc in Electrical & Computer Engineering and MSc in Engineering Asset Management, hopes SRSL's collaboration with RCC will create an increased awareness of lubrication and its effects within the industry.

"Through our collaboration, we aim to provide our clients with information regarding lubrication through the products and services available from RCC coupled with the book," she explained.

"Contamination is one of the lubrication degradation mechanisms that can be the initiator for other types of degradation - such as oxidation or thermal degradation. So by eliminating the presence of any foreign materials, we have essentially prolonged the life of the lubricant and - by extension - the equipment too.

"Contamination - especially in hydraulic fluids - is one of the main sources of lubricant failure which often leads to equipment downtime. But if we remove contamination, we cut downtime and save money."

Reynolds Technical Director Wayne Hubball said: "Going forward, education and training will be a cornerstone of our new five-year growth plan – and this is a fantastic way to get the ball rolling.

"The collaboration between Sanya and ourselves and will allow customers to gain knowledge of lubrication degradation mechanisms - through the book - and utilise the range of products from RCC that will help them to eliminate or prevent these mechanisms."

"We're in the business of ensuring our customers get the cleanest fluids – using our products which are specifically designed to monitor particle levels and control ingress of contaminants. We already have significant expertise in training and consultancy services and this new collaboration strengthens that offer."

**Image Caption:** New chapter...Sanya Mathura, author of *Lubrication Degradation Mechanisms: A Complete Guide*

## **Notes**

### **Strategic Reliability Solutions**

After completing her thesis, Trinidad-based Sanya became aware of the difficulties around reliability in the Caribbean and beyond. So, she decided to ensure that every attempt was made to make reliability the backbone upon which the industry operates by forming Strategic Reliability Solutions Ltd.

She operates as both Managing Director and Senior Consultant - working with global affiliates in the areas of Reliability and Asset Management to bring these speciality niches to her clients.

Sanya has an impressive engineering background - with a BSc in Electrical & Computer Engineering and MSc in Engineering Asset Management. She has recently attained her MLE

(Machinery Lubrication Engineer) certification from ICML (International Council of Machinery Lubrication) - the first in her country to do so and notably the first female as well.

Sanya has worked in the lubrication industry for several years and has used her engineering background to assist various industries with lubrication-related issues - locally in Trinidad and Tobago, regionally and internationally. She has solved lubrication problems and provided training in the automotive, industrial, marine, construction and transportation sectors.

### **Reynolds Contamination Control**

Reynolds Contamination Control provides three core services aimed at underpinning the need for component parts to work more efficiently - and for longer. These are:

1. A Cloud based monitoring system called The Link that allows OEM's and end-users to connect to their assets via IIOT and allow full remote monitoring and diagnostics.
2. A design and build service - creating bespoke flushing rigs on site, providing self-sufficiency for clients wanting to manage this process to the highest standards in-house.
3. A consultancy and training service - undertaking audits, providing consultancy support and/or delivering training according to client need.

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