



RMC Reliability Maintenance Conference

16th & 17th OCTOBER 2019
PULLMAN HOTEL
KUALA LUMPUR, MALAYSIA

A collage of industrial images in shades of blue and grey. On the left, a close-up of a hydraulic excavator arm. In the center, a yellow wheel loader dumping material. On the right, a large industrial tower with a spiral staircase and a worker on a platform. In the background, a complex of conveyor belts and structural steel.

**GAINING
THE EDGE.**

CONFERENCE GUIDE

WHY ARE WE HERE?

Welcome to the 2019 Chevron Reliability Maintenance Conference, our signature technical event for the Asia Pacific Commercial & Industrial industries.



MUHAMMAD NAJAM SHAMSUDDIN

AREA BUSINESS
MANAGER, MALAYSIA,
INDONESIA, SINGAPORE
AND VIETNAM

Chevron Lubricants and our Partners are pleased to share the latest technologies, trends, best practices and innovations to keep you ahead of the game.

This conference will empower you with knowledge and insights that dovetail with your maintenance practices, so you achieve your desired business objectives.

You will also have the opportunity to network amongst your industry peers in Asia Pacific and engage in one-on-one with Subject Matter Experts in your field. We look forward to meeting you at this leading industry conference.

On behalf of Chevron Lubricants and our Partners, it's a pleasure to welcome you to our second Reliability Maintenance Conference in Asia Pacific.



TONY CASAS

REGIONAL MANAGER
TECHNICAL SERVICES
& SOLUTIONS,
ASIA - PAKISTAN

Reliability is one of the critical Key Performance Indicators in any industry. Having greater predictability of your assets performance is critical for a successful business and yet sometimes it seems out of reach for some.

We will cover a spectrum of topics encompassing Fuels, Lubricants, Lubrication, Air, Conditioning Monitoring, Digital Technologies (Industry 4.0), Planning strategies which will fit right into the realm of Asset Management.

Our goal is to empower you with knowledge to optimize your assets' ROI, increase productivity, improve safety and environmental practices by enhancing your maintenance strategies. Thank you and wishing you a successful event.

**“ It is not the strongest species that survive,
nor the most intelligent,
but the ones most responsive to change. ”**

C. Darwin.

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10 SPEAKERS

12 PARTNERS



AGENDA

WEDNESDAY OCT 16

TIME	TOPIC	INFORMATION
09:00	REGISTRATION & TEA/COFFEE	
09:30	SAFETY & WELCOME ADDRESS	
10:00	REALIZING THE VALUE OF DIGITAL TRANSFORMATION IN PROCESS INDUSTRY	SPEAKER: JONAS BERGE, EMERSON The presentation will focus on pragmatic steps that customers can undertake to realize the value of Digital Transformation (Industry 4.0) by focusing on key value improvement practices in optimizing production, improving safety, reducing plant downtime, optimizing energy consumption and reducing emissions.
11:15	HOW AUTO LUBRICATION SYSTEMS IMPROVE YOUR EQUIPMENT RELIABILITY AND REDUCE COSTS	SPEAKER: PRASOPCHOAK KONGKANJANA, GRACO Learn about the different types of auto lube systems and the benefits over manual lubrication, to reduce costs, increase machine reliability and component life plus what are the critical maintenance practices to ensure these system deliver their full potential.
12:00	LUNCH	

AGENDA

WEDNESDAY OCT 16

TIME	TOPIC	INFORMATION
13:00	INDUSTRIAL GEAR OIL TECHNOLOGIES AND TRENDS	SPEAKER: LIM CHOON NOI, AFTON CHEMICAL Industrial Gearboxes are used in almost every industry and often form part of the critical equipment assets. This session highlights the changes in Industrial gear oil requirements, how these are related to industrial gearbox design, applications and the OEM key specifications. Learn how the oil properties & tests for EP, pitting, foam, seal and paint compatibility amongst many others are key challenges that impact the gear oils in your operations.
13:45	VARNISH AND HOW TO ELIMINATE IT PLUS THE LATEST DEVELOPMENTS IN POWER GENERATION ENGINE OILS	SPEAKER: MARTY BROWN, CHEVRON Varnish is becoming a more universal problem as equipment tank capacities are getting smaller with higher flow rates and pressures inducing thermal stress in the system. Thus, an Industrial varnish deposit control is critical to increase equipment life and reduce costly shut-downs. Implementing innovative holistic solutions such as applying a System Cleaner to remove existing varnish deposits and then Start & Staying Clean with the latest varnish deposit control lubes provide excellent solutions and returns. Learn how the next Power Generation Engine Oil technology is designed for extended drain performance, helping engine cleanliness and component durability under heavy loads and at low oil feed rate. These products need to be able to handle extreme temperatures due to modern engine designs, fuel and load factors, while meeting all the OEM's maintenance service intervals.



AGENDA

WEDNESDAY OCT 16

TIME	TOPIC	INFORMATION
15:00	TEA/COFFEE BREAK	
15:15	RELIABILITY AND CONDITION MONITORING BEST PRACTICES IN A MILLING PROCESS PLANT	SPEAKER: MOHAMMAD (DHANI) RAMADHANI, AMMAN MINERAL Milling plants have a vast number of critical assets which require different health checks for different equipment types. This paper shares our journey from assets prioritization to implementing the correct predictive monitoring tools such as Used Oil Analysis, Vibration Analysis, Thermography, NDT, RCA to maximize plant availability and reduce costs.
16:00	CONSIDERATIONS FOR A SUCCESSFUL EXTENDED OIL DRAIN PROGRAM	SPEAKER: HAYDEN SCHULZ, DONALDSON Identify and understand a range of key factors impacting the service life and performance of your engine oils. Learn how these factors contribute to the success of your extended oil drain program and maximise engine life.
17:15	CLOSING OF DAY 1	
17:30	GROUP PHOTO	
17:45	PARTNER SHOWCASE	
18:30	NETWORKING DINNER	



AGENDA

THURSDAY OCT 17

TIME	TOPIC	INFORMATION
08:30	OPTIMISING AND DIGITISING ASSET RELIABILITY STRATEGIES TO MINIMISE COST AND MAXIMISE PERFORMANCE	SPEAKER: EUGENE HODDER, ARMS We invest in resources and technology at scale to deliver reliability-driven asset performance. But without the right process in place and buy-in from everyone involved, technology won't deliver the intended value. This presentation introduces Asset Strategy Management (ASM), a digital process that allows us to continually manage asset reliability strategies. ASM ensures that optimal strategies are tied to every asset to deliver the optimal balance of cost, risk, and performance at all times.
09:30	ENHANCING MACHINE UPTIME THROUGH TECHNOLOGY	SPEAKER: ANAND SHOUCHE, VOLVO CONSTRUCTION EQUIPMENT How Volvo CE utilizes latest technology design to maximize the reliability and efficiency of the Machines, such as Co-Pilot, Caretrack and On-sight connect. The Co-Pilot for example, shows the 2D/3D map of the job which the operator needs to perform and optimizes the machine functions to accomplish it in the shortest possible time with optimum operational cost. Caretrack allows customer to remotely collect the machine operational data to improve productivity and site operational efficiency. On-Sight connect can help to trouble shoot the problem on a machine in minimum possible time and hence considerably improves the machine uptime.
10:15	TEA/COFFEE BREAK	

AGENDA

THURSDAY OCT 17

TIME	TOPIC	INFORMATION
10:30	DIESEL AND BIO-DIESEL LATEST TRENDS AND ENGINE RELATED PERFORMANCE	SPEAKERS: PHILIP CHEE & SORASAK SAENGWANIT, CHEVRON Understanding Diesel fuel trends such as the latest Euro Diesel emissions and the considerations when using biodiesel above B7. Learn what is BioDiesel, how it affects your engine performance, the best practices for storage, handling, and equipment maintenance the lasted biodiesel specification. Also how the latest Diesel fuel additives technology improve the Diesel fuel and engine performance.
11:15	GET THE MOST COST AND ENERGY EFFECTIVE SOLUTIONS FOR YOU COMPRESSED AIR	SPEAKER: JAN SHRUTI MEHTA, ATLAS COPCO Rental solutions for improving reliability of compressed air supply. Learn about the ways on how temporary solutions may increase reliability of compressed air supply system, which obstacles to consider while making decision, information required to choose an appropriate solution and common pitfalls/mistakes.
12:00	LUNCH	



AGENDA

THURSDAY OCT 17

TIME	TOPIC	INFORMATION
13:00	HEAVY DUTY ENGINE & DRIVE TRAIN OILS DEVELOPMENTS	SPEAKER: CHRIS VANDAGNA, CHEVRON Learn how the next Generation of Heavy Duty Engine and Drive Train Oils are being implemented to meet OEM's requirements at a faster pace than ever before for both off and on highway. Consequently, for engines, these advancements require new oil specifications to cater to both the engine and the engine after-treatment system. Learn how today's engine oils are providing both improved base engine protection and emission system durability. In the Drive Train oils, you'll learn about developments such as a single multi-purpose TO-4 fluid to cater for your hydraulic, transmission, and final drive needs, as well as the role synthetics will play in developing a fit for life differential fluid.
14:00	PUSHING THE BOUNDARY OF ONLINE AND ONSITE OIL ANALYSIS	SPEAKER: ZAINUDIN (DIN) YAHYA, PARKER KITTIWAKE Pushing the boundary of online and onsite oil analysis of critical machineries for quick response to reduce downtime, optimize efficiencies and operational excellence, on land and at sea.
14:30	Q&A AND CLOSING	





ANAND SHOUCHE
HEAD OF AFTERMARKET
VOLVO CONSTRUCTION
EQUIPMENT MALAYSIA



CHRIS VANDAGNA
GLOBAL DELO OFF ROAD
SEGMENT MANAGER
CHEVRON USA



EUGENE HODDER
ACCOUNT MANAGER
ARMS AUSTRALIA



LIM CHOON NOI
CUSTOMER TECHNICAL
SERVICE
INDUSTRIAL LUBRICANTS
AFTON CHEMICAL ASIA
SINGAPORE



MARTY BROWN
GLOBAL BRAND
OEM MANAGER, INDUSTRIAL
CHEVRON USA

CONFERENCE SPEAKERS

**ARMING YOU WITH THE INFORMATION
YOU NEED TO STAY COMPETITIVE**



HAYDEN SCHULZ
 NATIONAL TECHNICAL
 SERVICE MANAGER
 DONALDSON AUSTRALASIA



JAN SHRUTI MEHTA
 REGIONAL SALES &
 MARKETING MANAGER
 ATLAS COPCO SINGAPORE



JONAS BERGE
 SENIOR DIRECTOR OF
 APPLIED TECHNOLOGY
 EMERSON AUTOMATION
 SOLUTIONS SINGAPORE



MOHAMMAD RAMADHANI
 SUPERINTENDENT
 PROCESS MECHANICAL
 MAINTENANCE UPSTREAM,
 AMMAN MINERAL
 INDONESIA



PHILIP CHEE
 FUELS SPECIALIST
 PRODUCT ENGINEERING
 CHEVRON SINGAPORE



PRASOPCHOAK KONGKANJANA
 SALES MANAGER,
 SOUTH EAST ASIA LUBRICATION
 AND PROCESS EQUIPMENT
 GRACO THAILAND



SORASAK SAENGWANIT
 PRODUCT ENGINEERING
 SPECIALIST
 CHEVRON THAILAND



ZAINUDIN (DIN) YAHYA
 BUSINESS DEVELOPMENT
 MANAGER CONDITION
 MONITORING,
 PARKER KITTIWAKE ASIA

OUR 2019 PARTNERS

EVENT HOST



CHEVRON LUBRICANTS

Chevron is an integrated energy company headquartered in the US with business operations in 5 continents. We're involved in all aspects of the energy business, from oil and gas exploration, to refining and producing world class lubricants, additives and premium base oils to cater for a wide range of sectors such as Consumer, Commercial, Industrial, Marine and Retail. These premium products help to improve fuel economy, extend equipment life, lower emissions, extend drain intervals and more.

PARTNERS



AFTON CHEMICAL

Afton Chemical Corporation is part of the NewMarket Corporation (NYSE: NEU) family of companies, and has been working in the fuel and lubricant additives marketplace for over 90 years. Our range of technology solutions includes Driveline, Engine Oils, Performance and Refinery Fuels, and Industrial additives. We use our formulation, engineering and marketing expertise to help our customers develop and market fuels and lubricants that reduce emissions, improve fuel economy, extend equipment life, improve operator satisfaction and lower the total cost of vehicle and equipment operation.

Learn more at www.aftonchemical.com



AMMAN MINERAL

PT Amman Mineral Nusa Tenggara (AMNT) is an Indonesian mining company which operates the Batu Hijau mine. We commenced production and operations in 2000 and have produced approximately 3.6 million tonnes of copper and 8 million ounces of gold. We have a long-term expected mine life followed by processing stockpiles. We own all of our facilities that include a large fleet of mining equipment, a processing plant with 120,000 tonnes capacity per day, an 112-megawatt coal-fired power plant, a port with a ferry terminal, air services, and an established townsite. Learn more at www.amnt.co.id



ARMS RELIABILITY

ARMS Reliability is a leading global provider of reliability solutions to some of the world's largest resource, power, utility, and manufacturing companies. Pioneers of best practice approach; Asset Strategy Management, powered by OnePM®, we are fundamentally changing the way Industry manages reliability to achieve a step change in asset performance. Through a unique blend of innovative technology, advisory services and decades of reliability engineering experience, we help you to build, deploy and improve reliability strategies for the entire asset lifecycle. Learn more at www.armsreliability.com



ATLAS COPCO

Atlas Copco is a world-leading provider of sustainable productivity solutions. Our products serve customers through its innovative compressors, vacuum solutions, generators, pumps, power tools, assembly systems and rental solutions. Atlas Copco develops products and services focused on productivity, energy efficiency, safety and ergonomics. The company was founded in 1873, is based in Stockholm, Sweden, and has a global reach spanning more than 180 countries.

Learn more at www.atlascopco.com



DONALDSON

Donaldson Company helps solve some of the world's most complex filtration and contamination control challenges, and is one of the largest global providers of unique filtration technologies and high-quality filters and parts. Donaldson filtration technologies and products are used every day, in a variety of industries and environments, including aerospace, agriculture, construction, food and beverage, manufacturing, mining, power generation, transportation and many more. Learn more at www.donaldson.com



EMERSON

Emerson was founded in 1890 in St. Louis, Missouri, as a manufacturer of electric motors and fans. Over the past 100-plus years, we have grown from a regional manufacturer into a global technology solutions powerhouse. Emerson concentrates on the most complex and profound challenges facing the world in the process, industrial, commercial and residential markets. We refocused our business portfolio to deliver solutions that bring greater value to our customers. Learn how we've transformed and why. Learn more at www.emerson.com



GRACO

Since 1926, Graco Inc. has been a leading provider of premium pumps and spray equipment for fluid handling in the construction, manufacturing, processing and maintenance industries. Headquartered in Minneapolis, Minnesota, Graco works closely with distributors around the world to offer innovative products that set the quality standard for spray finishing, paint circulation, lubrication, sealant and adhesives dispensing, process application, and contractor power equipment. Learn more at www.graco.com



PARKER KITTIWAKE

Parker Kittiwake specialise in providing on-line and on-site solutions for the condition monitoring of critical plant and industry machinery. Our sensors and equipment pieces facilitate rapid and informed decision making which helps to keep your machinery running efficiently for longer. At Parker Kittiwake we pride ourselves on providing our customers with the right blend of technology, expertise and information. This enables you to manage risk, reduce downtime, optimise efficiencies and maximise profit. Learn more at www.kittiwake.com



VOLVO CE

Volvo Construction Equipment is among the world's leading manufacturers of articulated haulers and wheel loaders, and one of the world's foremost manufacturers of excavation equipment, road development machines and compact construction equipment. As a total-solution provider, we also offer servicing, financing, used equipment, rental and other related services. Volvo CE sells machines under four brands: Volvo, SDLG, Blaw-Knox, and Terex Trucks. Learn more at www.volvoce.com/global/en/



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www.caltex.com/rmc-asia

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