

VERIDAPT Solution Overview

VERIDAPT's fuel management platform is the industry-leading solution deployed by the world's biggest mining companies to also streamline the process of managing lubricants, coolant, grease, detergent and potable water on site and in real time by providing a centralised platform for monitoring all bulk storage, maintaining lubrication schedules and identifying unseen problems.

VERIDAPT technology tracks the lubrication products associated to each individual equipment asset from dispense points, within both workshop service bays and mobile service trucks across the mine site. It provides automated alerts and reminders to ensure optimum maintenance requirements are met. The platform output provides real-time visibility, accurate reporting and data for analysis, and generates automated reports on lubricant usage and equipment performance.

The single platform ensures lubricants and all products are issued to assets with safeguards and controls to prevent cross contamination.

It easily integrates with other maintenance and management software, including ERP and SAP or via open API's.

VERIDAPT Value Proposition

The enterprise-ready platform is engineered to control and manage dispense of all products, support and extend the lifespan of equipment through controlled and monitored maintenance events, minimise downtime and reduce life-of-asset maintenance costs.

Lubricant management boosts overall energy efficiency by reducing the amount of energy required to operate machinery, thereby lowering fuel consumption and emissions. Total lubricant usage visibility reduces equipment downtime and/or maintenance and replacement costs.

Lubricant inventory levels are optimised, reducing waste, preventing stock-outs and ensuring that the right lubricants are on hand when needed. Safeguards prevent over or under-lubrication.

The risk of human error is greatly reduced and automated reporting capabilities, alerts and reminders ensures maintenance tasks are not overlooked.

VERIDAPT technology mitigates risk of incorrect lubricant products use with equipment and defined products.

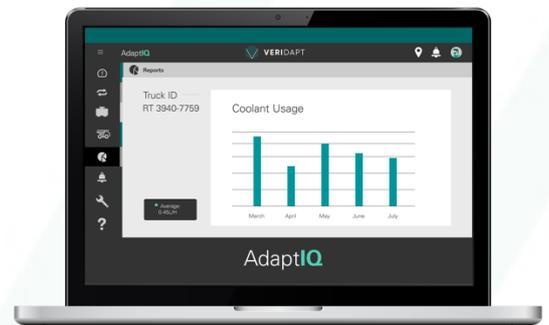
It generates data-based approaches to identifying trends and potential issues across the lubricant landscape before they become critical problems.

Key Features

- Tracking dispenses of lubricants and coolants to assets through a digital platform to eliminate paper-based manual record keeping
- Controlling access to products through operator and asset identification to ensure only authorised personnel and assets receive approved products
- Simple confirmation that products are dispensed, for example grease
- Reduces risk of lubricant contamination
- In the unfortunate event of contamination past transactions by asset can be tracked and rectified
- Monitoring infrastructure performance, for example analysis of flow information and overall transaction pitstop analysis ensure maximum transaction efficiency
- Work order entry and tracking
- Ability to report faults in transactions in real time for supervisor rectification or future scheduling
- Tank and asset level display to support efficient dispensing planning
- Engine hours tracking and correlation against lubricant and coolant usage

Key Benefits

- Granular transactional accuracy
- Infrastructure performance metrics
- Flow analysis and pump performance analysis
- GPS positioning on both field and workshop events
- Operator identification
- Work order entry/tracking
- Exception analysis, including group/category benchmarking
- Ability to digitise and report faults transaction event in real time
- ERP integration by API
- Tank level display for route planning
- Asset level notifications
- Automated engine hours
- Product controlled to equipment to mitigate incorrect product use, batch dispensing and SFL levels



For more information on our market leading technology, please contact our sales team

info@veridapt.com