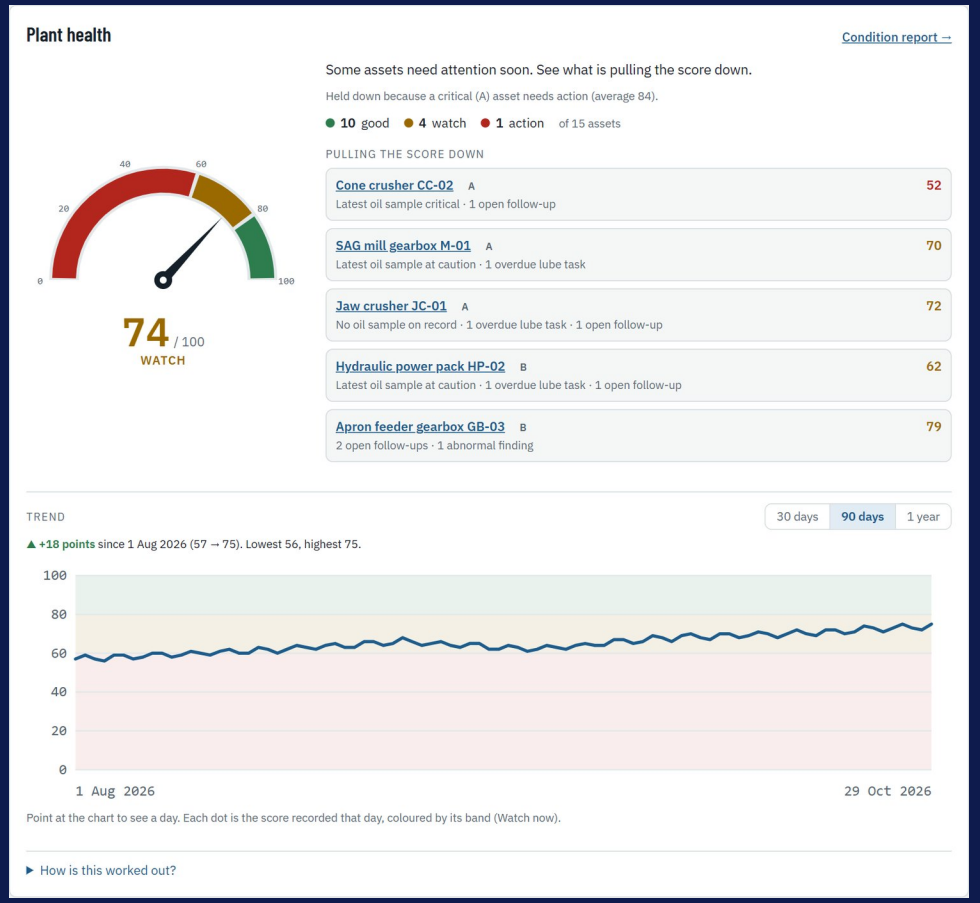
REVOLUTION SYNTHETIC OIL (PTY) LTD

AION™ Reliability LMS

The lubrication engineer's workdesk

Schedules, route sheets, oil analysis, calculators and training for every facility, in one place.

aion.revolutionoil.co.za



WHY IT EXISTS

A lubrication programme is hundreds of small jobs

Tasks slip

Greasing and oil changes live in spreadsheets and memory, so overdue work is found late.

Results scatter

Oil analysis reports arrive as PDFs and are rarely compared with the last sample.

Know-how stays in heads

Who is qualified for which task is seldom written down, or checked against the schedule.

AION™ Reliability LMS keeps all three in one place, for every facility.

WHAT IT IS

One desk for the whole programme

Lube schedule
Every lube point, due date and quantity

Route sheets
Work the round from a phone

Oil analysis
Samples graded against limits, with trends

Plant health
One score from every asset's condition

Calculators
Twelve engineering tools

Training
Study, mock exams and hands-on labs

Competence
Who is qualified for which task

Reports
Condition report as a PDF

Eight parts, one login. The schedule, route sheets and lube cards are on every plan. Oil analysis, calculators, training and competence tracking are part of the Professional plan.

HOW IT IS ORGANISED

Facility, then site, then route

Facility

A plant or mine you operate. Example: Rustenburg Concentrator

Site

A part of a large facility. Example: Crushing plant

Route

The round a technician walks. Example: Crushing daily round

Asset

A machine with its lube card. Example: Jaw crusher JC-01

Lube point

Each nipple, sump or breather. Example: Toggle bearings

A route can sit in one site or cover a whole facility. A small plant can skip sites altogether.

FACILITIES

Every plant, described once

Record what each facility is, how it runs and the conditions its lubricants work in.

- Industry, plant type, size and capacity
- Operating pattern, hours and planned shutdowns
- Dust, temperature range and hazardous areas
- Manager, lube store, supplier and oil lab

Only the name is required, so a facility can be added in seconds and filled in over time. Starter includes one facility, Professional three.

SITES

Sites split a large facility into parts

A crushing plant, a mill or a pump house gets its own page and its own numbers.

- Name, code and a short description
- A supervisor with email and phone
- Assets, routes, lube points and open follow-ups
- Picked from a list, so it is spelled one way

Sites are optional: a small plant can work with assets and routes alone.

SEVERAL FACILITIES

See one facility, or all of them

A Viewing selector appears in the menu once a company has more than one facility.

- Overview, routes, schedule, assets and oil analysis follow it
- A note on each page says when it is filtered
- The choice is remembered between visits
- New assets and routes start in that facility

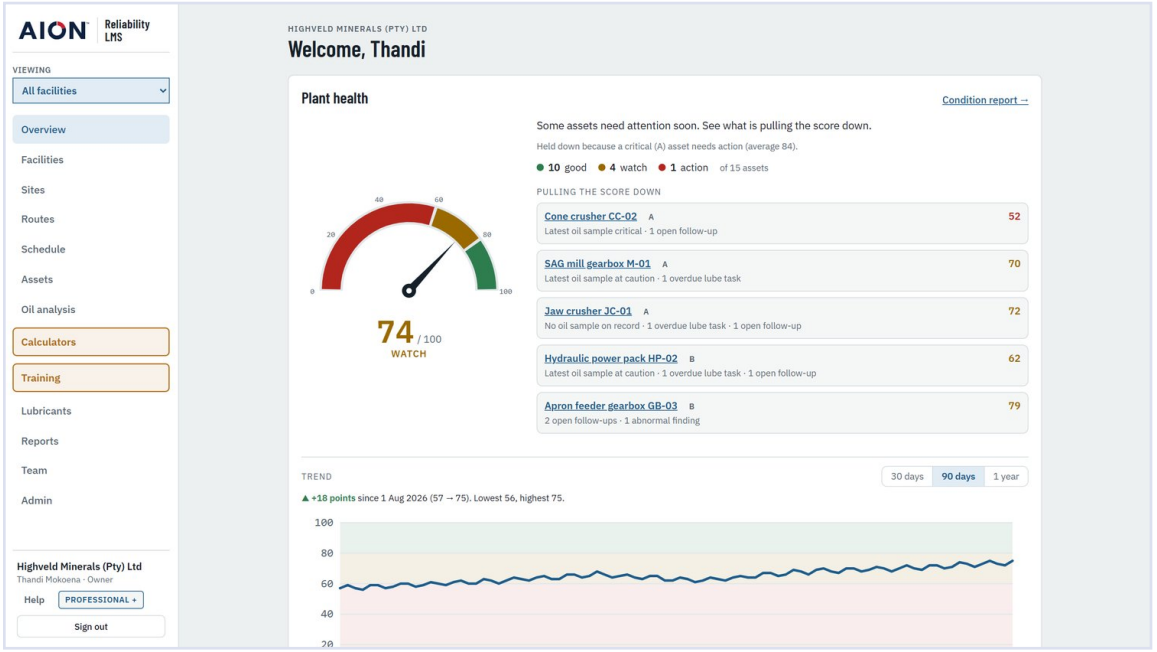
The same selector scopes the plant health score on the Overview.

PLANT HEALTH

Open the app to the plant's health

The Overview starts with a dial that scores the plant from 0 to 100.

- Red, amber and green zones with a needle
- The assets pulling the score down, and why
- Overdue tasks, follow-ups and oil alarms below
- Follows the facility you are viewing



HOW THE SCORE IS BUILT

Every asset starts at 100 and loses points

PROBLEM ON AN ASSET	POINTS LOST
Latest oil sample critical or caution	40 or 20
Oil sample out of date	10 or 20
Temperature critical or caution	25 or 10
Overdue lube tasks	10 each, up to 30
Open follow-ups	8 each, up to 24
Abnormal route findings	5 each, up to 15

A follow-up open for over two weeks costs 4 more. An A asset that has never been sampled loses 10.

Weighted by criticality. A assets count 5, B assets 3 and C assets 1 in the plant average.

Held down by critical assets. One A asset in Action keeps the plant at 74 or below. Two keep it at 59 or below.

Good
80 to 100

Watch
60 to 79

Action
below 60

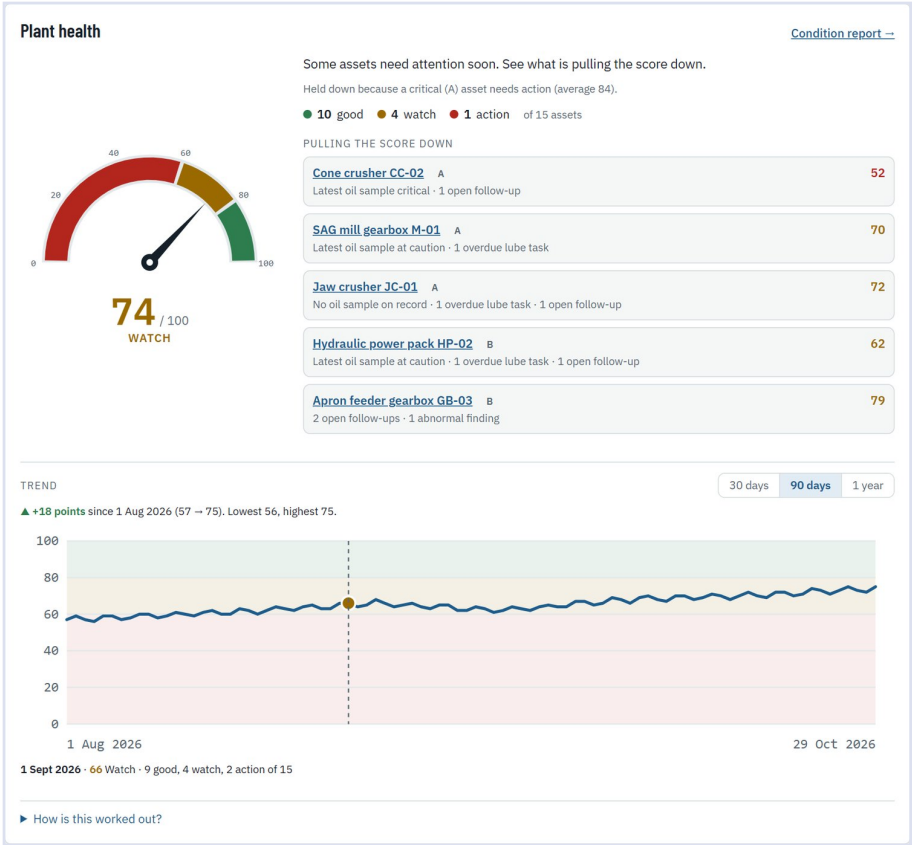
PLANT HEALTH TREND

See whether the plant is getting better

One point a day, for the company and for each facility.

- Thirty-day, ninety-day and one-year views
- Point at a day to see how many assets were good, watch or action
- The history starts the day a company first uses the app

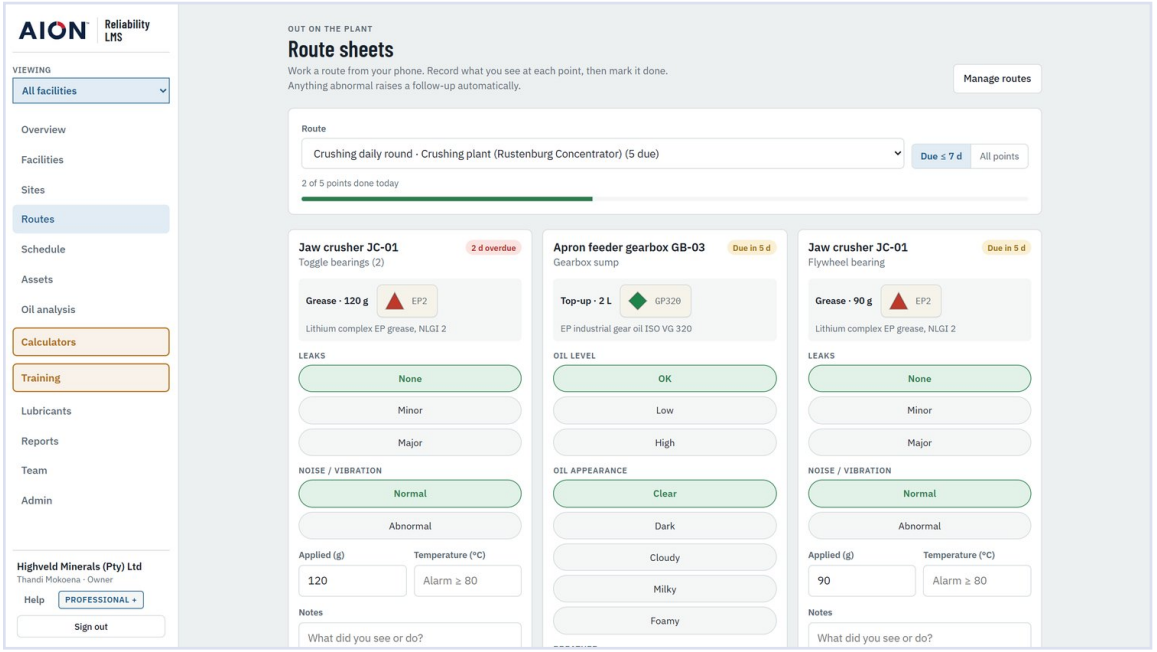
The chart shown uses sample history for illustration.



Route sheets for the person on the plant

Work a round point by point, then mark each one done.

- Record oil level, appearance, leaks and noise with one tap
- Enter the quantity applied and the temperature
- Anything abnormal raises a follow-up automatically
- A progress bar shows the round done today

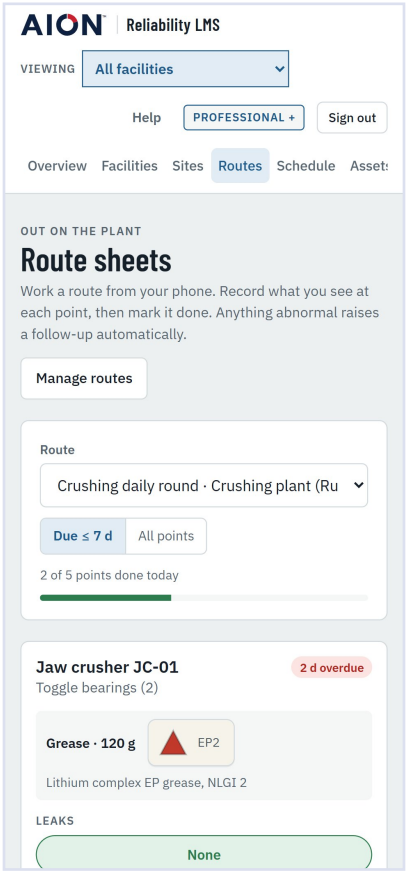


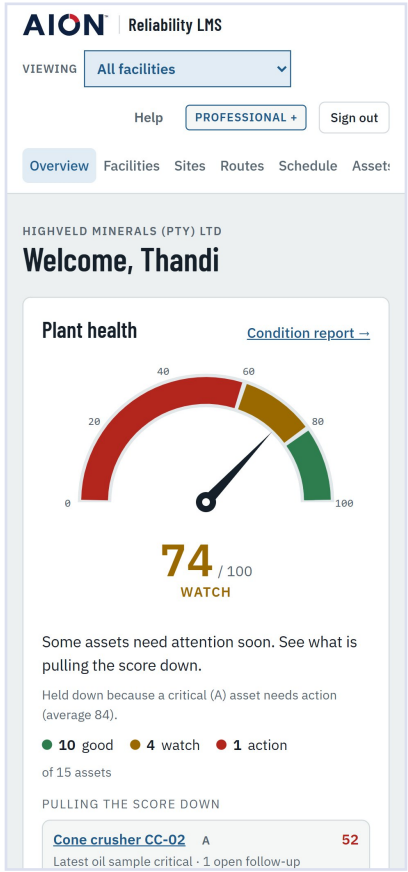
ON A PHONE

Made for a phone on the plant floor

No paper and no retyping. The same app runs in a phone browser.

- Nothing to install: open the address and sign in
- Large tap targets for the checks and the Done button
- The route lists its points in due order
- Work recorded on the plant updates the schedule at once



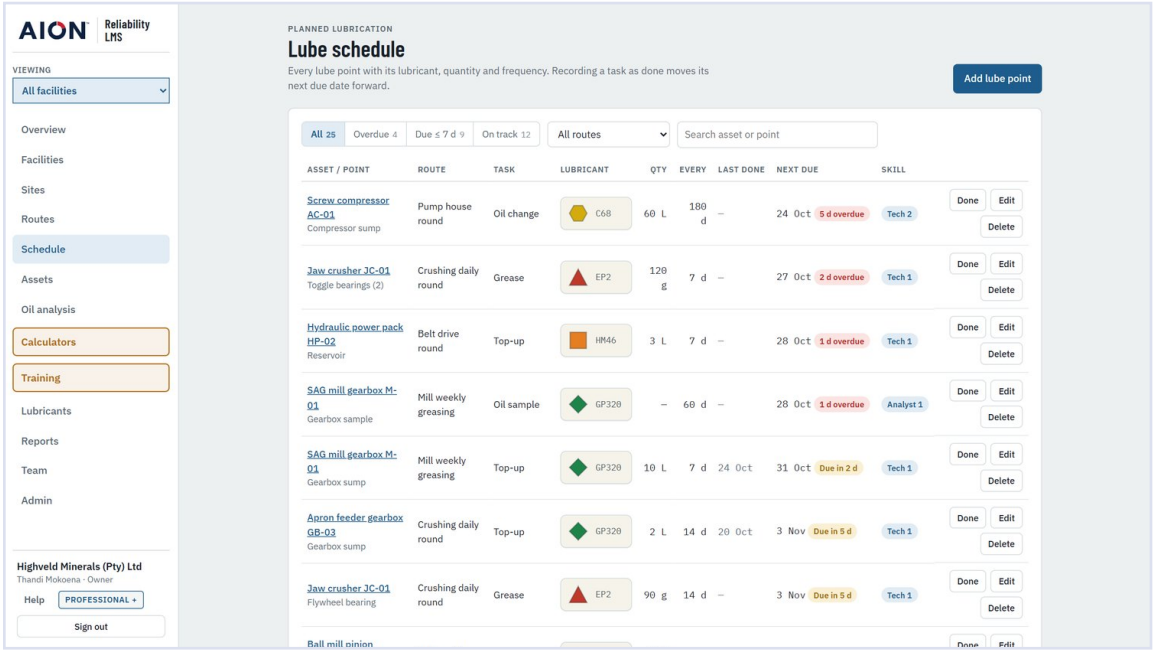


LUBE SCHEDULE

Every lube point on one schedule

Each point carries its lubricant, quantity, frequency and the skill it needs.

- Lubricant ID tags use a colour and a shape
- Filter by overdue, due soon or route
- Marking a task done moves its next date forward
- The skill level shows who may do the task

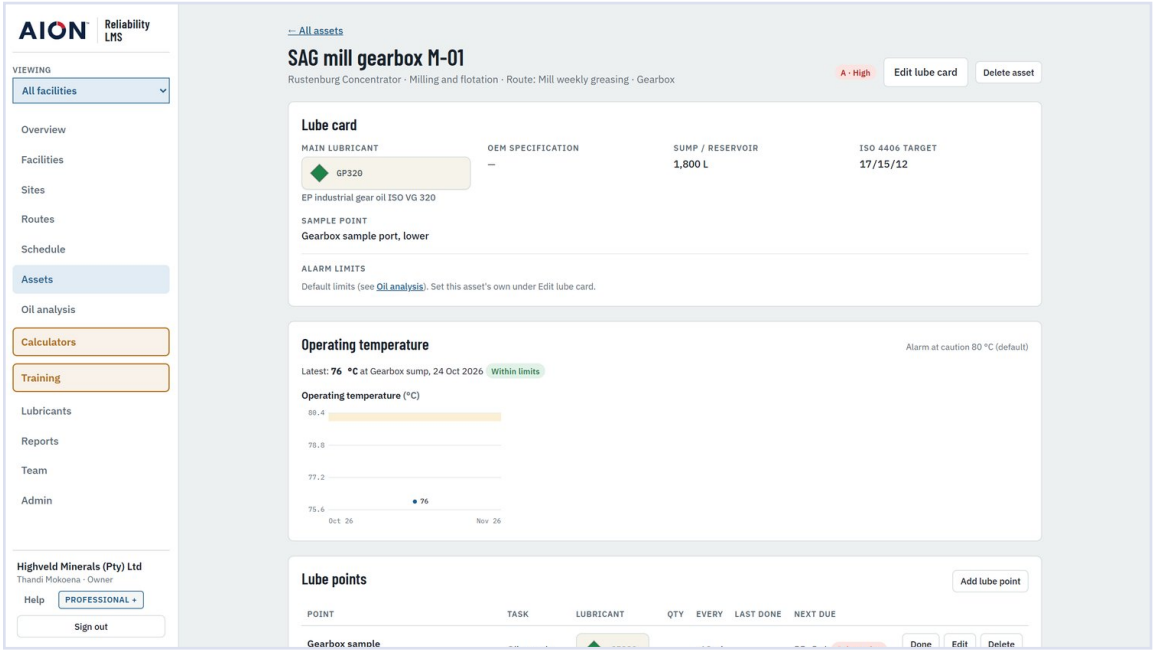


ASSETS

A lube card for every asset

Everything a technician or analyst needs to know about one machine.

- Main lubricant, OEM specification and sump volume
- ISO 4406 cleanliness target and sample point
- Alarm limits and operating temperature history
- Criticality A, B or C sets how much it matters



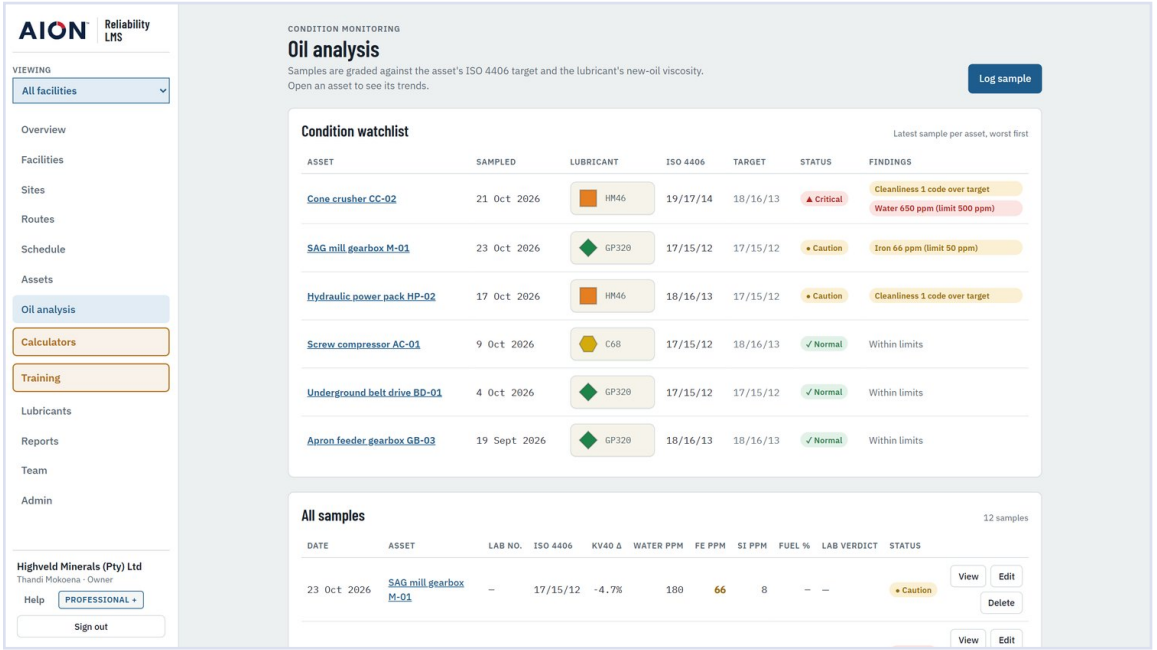
OIL ANALYSIS

Oil analysis graded against limits

Every sample is graded normal, caution or critical.

- Cleanliness against the asset's ISO 4406 target
- Water, wear metals and viscosity change from new
- The watchlist puts the worst asset first
- The lab's own verdict counts too

Oil analysis is part of the Professional plan.

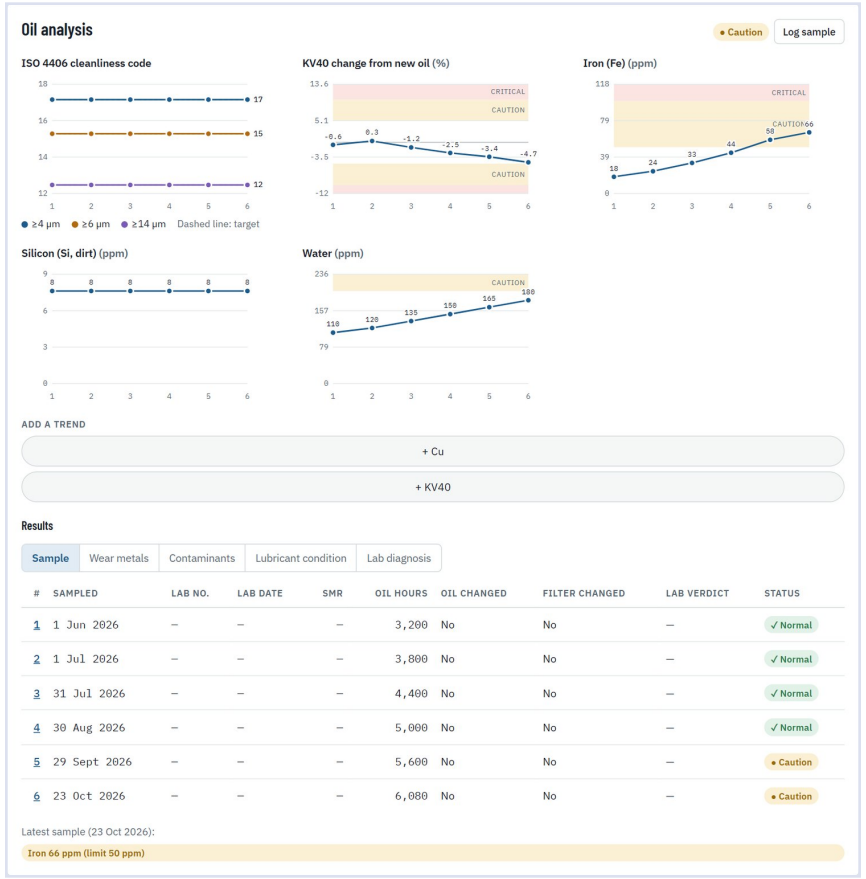


CONDITION TRENDS

Trends show where an asset is heading

Iron in this gearbox rose over six samples and has crossed its caution limit.

- Cleanliness, viscosity change, iron, silicon and water charted per asset
- Caution and critical bands are drawn on each chart
- Add other trends, such as copper or acid number, with a tap
- Every result is listed by sample, with the lab's diagnosis



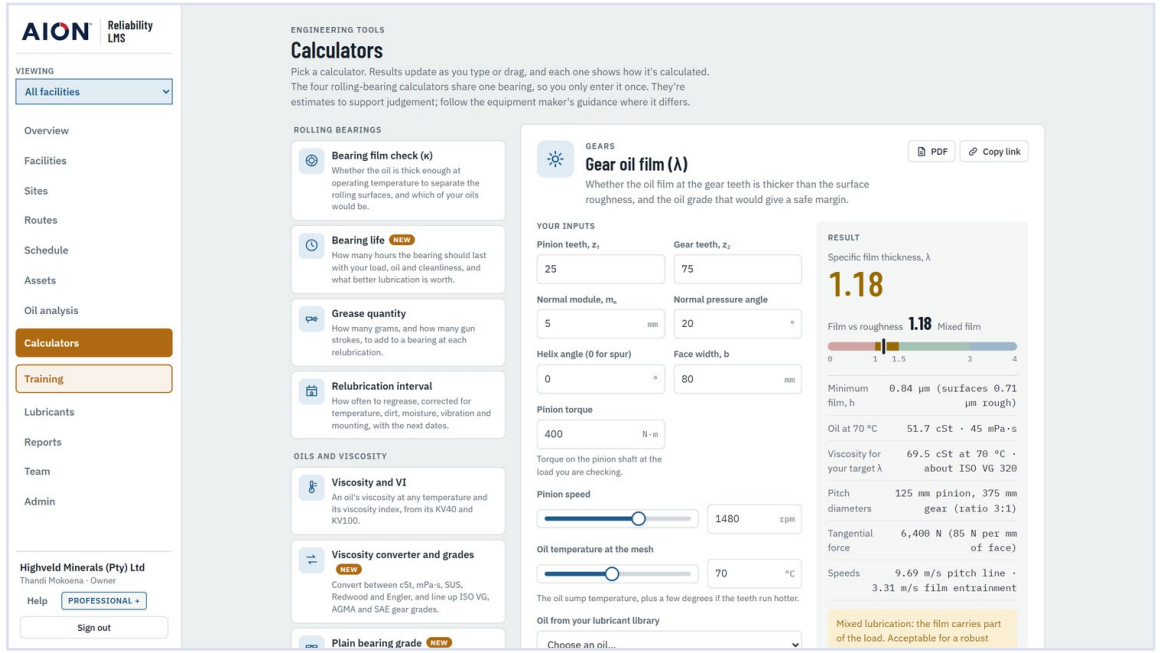
CALCULATORS

Twelve calculators for everyday decisions

Results update as you type; each shows how it is calculated.

- Rolling bearings: film check, bearing life, grease quantity, relubrication interval
- Oils and viscosity: viscosity and VI, unit converter and grades, plain bearing grade, blends, oil life
- Gears: gear oil film, and the grade for a safe margin
- Contamination: ISO 4406 cleanliness code, filter beta ratio

Estimates to support judgement; follow the equipment maker's guidance where it differs. Part of the Professional plan.



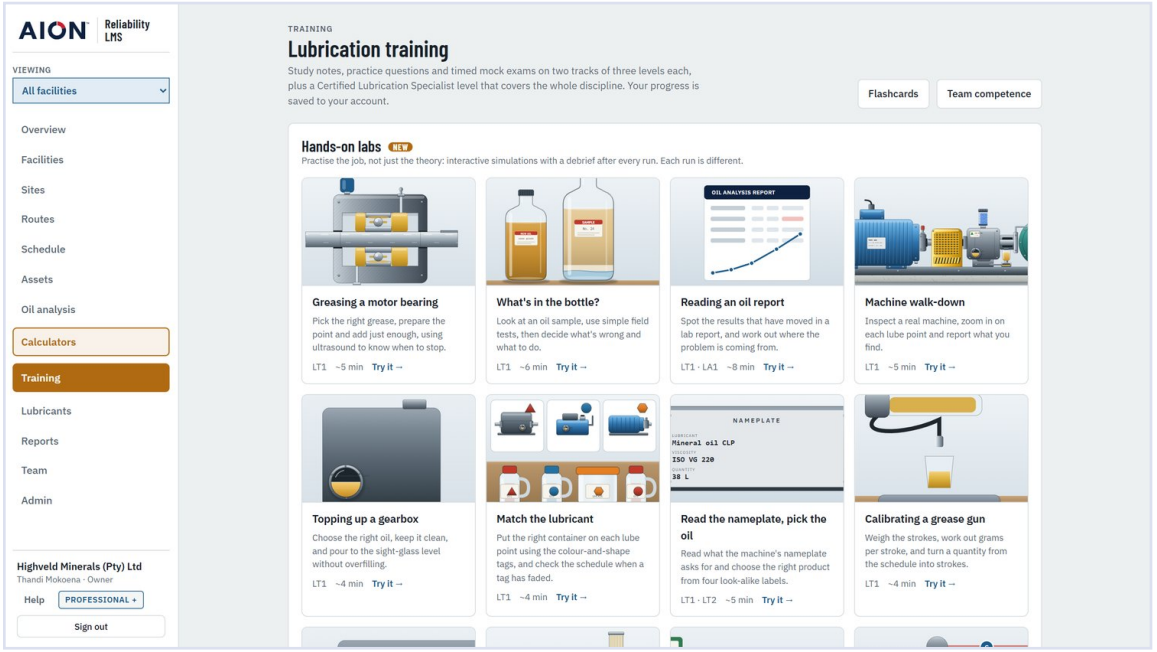
TRAINING

Training with hands-on labs

Two tracks of three levels, plus a Certified Lubrication Specialist level.

- Study notes, practice questions and flashcards
- Timed mock exams
- More than a dozen interactive labs
- Progress saved to each person's account

Tracks: Lubrication Technician and Lubricant Analyst. Part of the Professional plan.



TEAM COMPETENCE

Know who is qualified for what

A register of certifications, checked against the lube schedule.

- ICML certifications and CLS, with expiry dates
- Skill coverage compares lube points with qualified people
- Renewals due in the next 90 days are listed
- Only active users of the company can be added

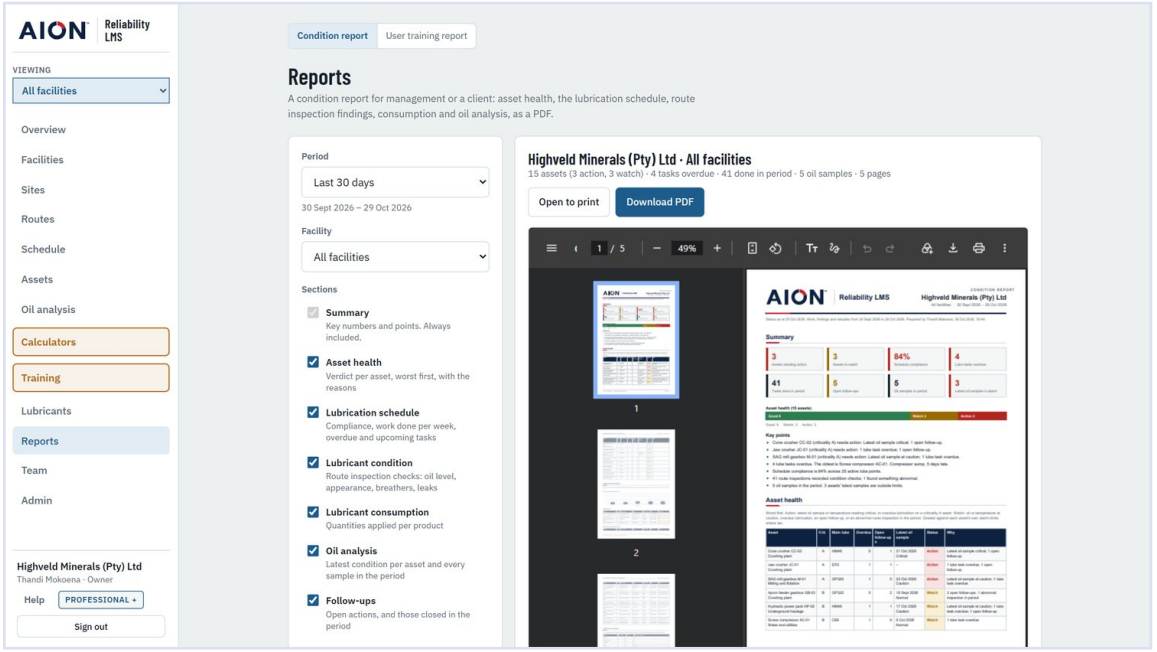
Part of the Professional plan.

REPORTS

A condition report as a PDF

Choose the period and facility, check it on screen, then download it.

- Asset health, schedule, route findings and consumption
- Oil analysis and follow-ups in the same report
- A training report covers study and competence
- Ready for management or a client



ACCESS

Who sees and changes what

ROLE	WHAT IT CAN DO
Owner	Full control; can hand over ownership
Admin	Facilities, team and settings
Engineer	Assets, sites, routes and lube points
Technician	Records route work and findings
Viewer	Reads everything, changes nothing

- Access by facility: an admin chooses which facilities each person can see and work in.
- Hosted in South Africa: AWS Africa (Cape Town) region.
- Verified sign-in: email confirmed with a code, and a password strength rule.
- Terms and privacy: accepted at sign-up, with the version and time recorded.

PLANS

Start free, add the team when ready

STARTER

Free

1 user, 1 facility; assets and lube cards; schedule and route sheets; findings and follow-ups; lubricant library

PROFESSIONAL

R499 a month

or R4,990 a year (incl. VAT). 3 users, 1 facility; everything in Starter plus oil analysis and trends, calculators, training and mock exams, team competence

PROFESSIONAL +

R1,499 a month

or R14,990 a year (incl. VAT). 10 users, 5 facilities; everything in Professional

ENTERPRISE

By arrangement

Billed per user and per facility. As many users and facilities as you need; everything in Professional +; priority support

Prices in South African rand.

Try it on your own plant

aion.revolutionoil.co.za

Starter is free: one user, one facility. Questions and support: support@revolutionoil.co.za

All screens shown use sample data from a demonstration mining company, not real customer data.