

# AssetMind AI Asset-to-Part Risk Report

Engine: AssetMind AI | Industry: Oil & Gas | Rows analyzed: 24 | Generated by: AI2COE sample user

| Score | Risk       | Confidence        | Evidence | Capital exposure |
|-------|------------|-------------------|----------|------------------|
| 87.5  | Controlled | Medium Confidence | 22       | 320187.5         |

## Data Fit and Mapping Readiness

| Source fit | AI match | Mapped readiness | Required mapped |
|------------|----------|------------------|-----------------|
| 100%       | 100.0%   | 100%             | 2/2             |

Source fit measures whether the uploaded file contains recognizable inputs. AI match measures column-mapping confidence. Diagnostic readiness measures whether the normalized mapped data can support trustworthy engine output.

## Executive Interpretation

Focus on asset integrity, turnaround readiness, working capital exposure, and audit-safe ERP preparation.

## Top Findings

| Finding                                                            | Severity | Confidence | Recommended action                                                                            |
|--------------------------------------------------------------------|----------|------------|-----------------------------------------------------------------------------------------------|
| 3 rows show spares tied to inactive or retired assets              | MEDIUM   | 72%        | Review obsolete asset spares for transfer, disposal, or engineering retention.                |
| 2 mapped fields need stronger coverage before recurring automation | MEDIUM   | 68%        | Improve field coverage or keep affected findings in human review until the next upload cycle. |
| 24 rows lack equipment-class context                               | MEDIUM   | 72%        | Map equipment class or functional-location hierarchy before multi-site standardization.       |
| 3 rows show stock tied to retired or inactive assets               | HIGH     | 80%        | Review retired-asset stock for disposal, transfer, or engineering retention exceptions.       |

## Assumptions and Limitations

- Uploaded data is treated as the source of truth for this diagnostic run.
- No ERP write-back is performed. Outputs are recommendations and evidence records only.
- Financial estimates use uploaded values where available and conservative assumptions otherwise.
- Industry language is adjusted for Oil & Gas: plants, wells, refineries, shutdowns, turnarounds, and asset integrity.
- Workbench scores were calculated before and after engine execution: source fit 100%, AI match 100.0%, mapping readiness 100%, diagnostic confidence 94.3%.
- Public sample report: deterministic AI2COE sample data was used. Replace with uploaded customer data for customer-specific findings.
- Results are diagnostic signals, not final accounting entries.
- Low-confidence findings require human review before remediation.

- Missing source fields reduce confidence and may suppress some analyzers.
- Benchmarks are labelled assumptions unless validated by uploaded data.

Trust boundary: Industrial IQ does not write back to ERP, EAM, CMMS, procurement, or inventory systems. Findings require human review before remediation.