



ITDTrucks

case study

How One Mining Company Reduced Fleet Operating Costs by 34% with Iveco Trakker Chassis



The Challenges

The client was operating an aging fleet of mixed-brand heavy-duty trucks across their mining operations. The company faced mounting challenges:

- High maintenance costs: Frequent breakdowns and repairs were costing approximately R4.2M annually
- Poor fuel efficiency: Older engines consumed 15-20% more fuel than modern alternatives
- Downtime issues: Average vehicle availability was only 78%, impacting productivity
- Parts complexity: Multiple brands meant complicated inventory management and longer repair times
- Compliance concerns: Older vehicles struggled to meet emission standards, risking penalties

With expansion plans on the horizon, they needed a reliable, cost-effective fleet solution that could handle demanding mining conditions while reducing total cost of ownership.



Solutions

ITD supplied 30 Iveco Trakker chassis cabs (combination of 6x4 and 6x6 configurations) specifically configured for mining applications:

- Iveco Cursor 13 engines with advanced fuel efficiency technology
- Heavy-duty construction designed for extreme off-road conditions
- Single-brand fleet standardization for simplified maintenance
- Extended service intervals (up to 150,000 km)
- Comprehensive 3-year warranty and maintenance plan
- Driver training program to maximize efficiency

<https://itdtrucks.com>

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International Truck Distributors LLC <https://itdtrucks.com>



CASE STUDY: How One Mining Company Reduced Fleet Operating Costs by 34% with Iveco Trakker Chassis

Industry: Mining & Quarrying

Solution: 30 x Iveco Trakker 6x4 and 6x6 Chassis Cabs

Supplier: ITD

THE CHALLENGE

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The 6x6 models were deployed for the most challenging terrain, while 6x4 units handled standard hauling operations.

THE RESULTS

Annual Cost Savings: R2.8 Million (34% reduction)

Maintenance Cost Reduction: R1.6M annually

- Reduced breakdowns by 67%
- Extended service intervals cut routine maintenance frequency by 40%
- Single-brand parts inventory reduced stock holding costs by R320K

Fuel Savings: R890K annually

- Average fuel consumption improved from 42L/100km to 35L/100km
- More efficient Euro 5 engines
- Driver training optimized fuel usage patterns

Improved Uptime Value: R310K

- Fleet availability increased from 78% to 94%
- Reduced downtime translated to 2,880 additional operating hours annually
- Fewer delays in material transport

Additional Operational Benefits:

- **ROI achieved in 18 months** (including initial capital recovery)
 - **Emission compliance:** 100% compliant with current standards, avoiding potential fines
 - **Driver satisfaction improved:** More comfortable cabs reduced fatigue and turnover
 - **Resale value:** Iveco Trakker residual values 15-20% higher than previous fleet
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CLIENT TESTIMONIAL

"The decision to partner with ITD and standardize our fleet with Iveco Trakker chassis has transformed our operations. We're not just saving money—we're running a more reliable, efficient operation. The reduction in downtime alone has been remarkable. Our maintenance team can now plan servicing rather than constantly firefighting breakdowns. It's been one of our best capital investments in recent years."

— **Operations Director**

THE ROAD AHEAD

Following the success of this initial deployment, the client is now planning to replace their remaining legacy fleet with additional Iveco Trakker units over the next 24 months. The proven cost savings and reliability have made the business case clear for complete fleet modernization.

ITD continues to provide ongoing support, including quarterly performance reviews and optimization recommendations to ensure the client maximizes their return on investment.

KEY TAKEAWAYS

- ✓ **34% reduction** in total fleet operating costs
- ✓ **R2.8M saved annually** through maintenance, fuel, and uptime improvements
- ✓ **94% fleet availability** vs. previous 78%
- ✓ **18-month ROI** on capital investment
- ✓ **Single-brand standardization** simplified operations

Want to reduce your fleet operating costs?

Contact ITD to discuss how our vehicle solutions can deliver measurable savings for your operation.

ITD – From Dozers to Defenders -Delivered Right!