



The right tire for the respective application

TKPH optimization for longer-lasting tires

Increased productivity and efficiency

OTR Consulting

ContiLogger

The ContiLogger service concept evaluates vehicle and topographical data, resulting in optimized tire usage, loading, and routing.

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Whether in a quarry, on a construction site, or in an underground mining application, a tire has to face a variety of extremely harsh conditions. In particular, the cost of replacing one of the most expensive wearing parts involved in earthmoving applications highlights the need for service and consulting to ensure the correct tires are used.

With the ContiLogger service concept, we evaluate tire, vehicle and topographical measurements. Our consultant collects data concerning speed, distance, location, lateral forces, elevation change (road grade), and downtime as well as tire pressure and temperature. All this information, complemented by analysis and reporting tools, will help us ensure that you get maximum performance out of our tires, and will help to improve operational processes at the same time.

In the future, our ContiLogger "Live" concept will enable you to collect and analyze the data remotely using the hardware offered by Continental. This is a concept shift from a single/one-time solution to a remote "live" service and consultancy solution.

1

FIELD STUDY

Field study at the customer's site

2

ANALYSIS OF DATA

Revision and analysis of the data

3

RECOMMENDATIONS

Recommendations to improve operational processes

Data collected

- › Tire pressure
- › Tire temperature
- › Lateral forces
- › Speed and distance
- › Elevation change
- › GPS data
- › Production time per cycle

Potential actions

- › Adjust the air pressure
- › Optimize load weight
- › Reduce speed in curves
- › Increase curve radius
- › Increase road banking
- › Optimize cycle time
- › Change haul distance

Benefits

- › The right tire for the respective application
- › TKPH and dynamic application analysis for optimum tire performance
- › Greater safety
- › Lower fuel consumption
- › Reduced total operating cost
- › Increased productivity and efficiency