

CHECK BRAKES CONTINUOUSLY

EBPMS



Always ready for use and roadworthy

Electronic monitoring of the brakes during operation enables software-based monitoring of brake performance. The link to the maintenance calendar also enables automated testing and maintenance of the brakes – for safe transport and vehicles that are always roadworthy.



Intelligent monitoring of braking performance

EBPMS monitors the braking processes during the journey. Combined with other data from the telematics system, the braking performance is constantly monitored. A comparison with the requirements and a trend analysis allow an assessment of the braking ability of an individual trailer under real conditions (travelling and loaded, including trend).

On-demand brake maintenance during the year

If the results are poor, the system informs the fleet manager. The fleet manager can dispatch the vehicle in question to the workshop in order to identify and rectify the cause of inadequate brake performance. For this purpose, all braking events are recorded and aggregated in the telematics system. The aggregated data is then transmitted to a central system, which enables statistical analyses, reports and alarms. This enables needs-based brake checks and maintenance during the year.

And it pays off: in addition to the clear increase in safety, the use of EBPMS in the UK, for example, can save several workshop visits per year. Even if EBPMS is not yet mandatory in the EU, it provides safety and reduces the risk of serious accidents.

Messages in the maintenance calendar

In fact, the EBPMS function and the cargofleet 3 maintenance calendar can be ideally combined. In the maintenance calendar, vehicles or vehicle groups can be assigned to specific EBPMS maintenance schedules. EBPMS reports are generated and documented according to these plans. If inadequate brake performance is identified, a corresponding maintenance event appears in the calendar, which can then be used to schedule an appointment at the workshop. In each case, the inspection is documented in the vehicle's maintenance history and the inspection interval starts again.

Reduced workshop visits with increased safety.

AUTOMATISED
LEGALLY COMPLIANT
TRAFFIC SAFE



- ✓ Improvement of road safety
- ✓ Continuous monitoring of brake performance instead of selective roller brake tests
- ✓ Reduction of prescribed roller dynamometer tests per year (in the UK)
- ✓ Meets the requirements of the DVSA (Driver and Vehicle Standards Agency)





idem telematics – connecting all road transport: As Europe’s leading telematics partner, idem telematics supports forwarding agents, shippers and fleet operators in continuously improving their core business by means of data, thereby increasing their profitability, customer satisfaction and competitiveness.

Europe’s market-leading, all-in-one cargofleet telematics platform for trucks, trailers, freight and logistics consolidates and summarises the data

sets of vehicles, drivers and freight. idem telematics provides a complete system for increasing the transparency and profitability of the entire logistics process. The benefits: unique customer proximity and flexibility for individual telematics requirements based on 25 years of telematics, transport and logistics expertise. idem telematics is a subsidiary of the BPW Group and employs around 75 staff at its locations in Munich and Ulm.

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