



The BPW Group:     



Flyer petroleum logistics 15931.401 e
www.united.de

Running on **safety.**

International mobility for the mineral oil sector.



we think transport

Our aim at the BPW Group is to provide the best possible support to our customers from the transport and logistics sector for their operations. Focusing consistently on your requirements therefore has top priority for us. Consequently, we listen to you, we gear our solutions to your individual needs and we are there for you in any situation. To us as BPW this cooperative approach means: **we think transport**

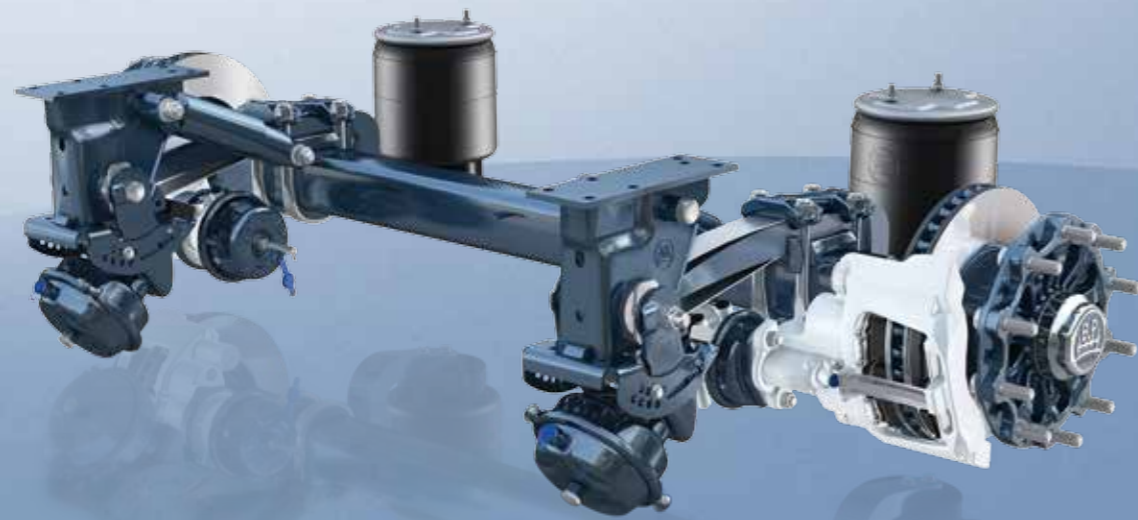
As a mobility partner for mineral oil logistics, we can offer you a finely tuned package of products and services.

This helps you to make your transport processes more transparent in order to organise them in a safer and more efficient manner and also make fleet management simpler. We are very familiar with the sector-specific requirements of mineral oil logistics and have in-depth knowledge of the relevant issues. In particular, the great importance of safety. That is why we are continually working on new, optimised solutions which satisfy the high demands made of vehicles and ADR approvals for chassis components. And so, we shall be in a position to offer you our first ADR-certified trailer telematics system in the near future.

The second main issue is weight which, given increasing cost pressures, is becoming ever more important. Here too we boast a wealth of expertise. Our chassis are weight-optimised and, in combination with our ECO Air air tanks, ensure optimal loading. All this serves to cut costs and increase cost efficiency. Let our experts advise you. We feel confident that we can find the ideal solution to meet your needs.

What our mobility partnership can offer you:

- › durable and reliable products with low life-cycle costs
- › ADR-approved trailer telematics system
- › weight-optimised chassis technologies for enhanced cost efficiency
- › worldwide service network with more than 3,200 partners and original spare parts' supply for outstanding availability and quick maintenance
- › ECO Plus guarantee for a high level of investment security
- › BPW partner service package for low operating costs and a high degree of safety
- › certified seminars and training sessions offer valuable first-hand know-how



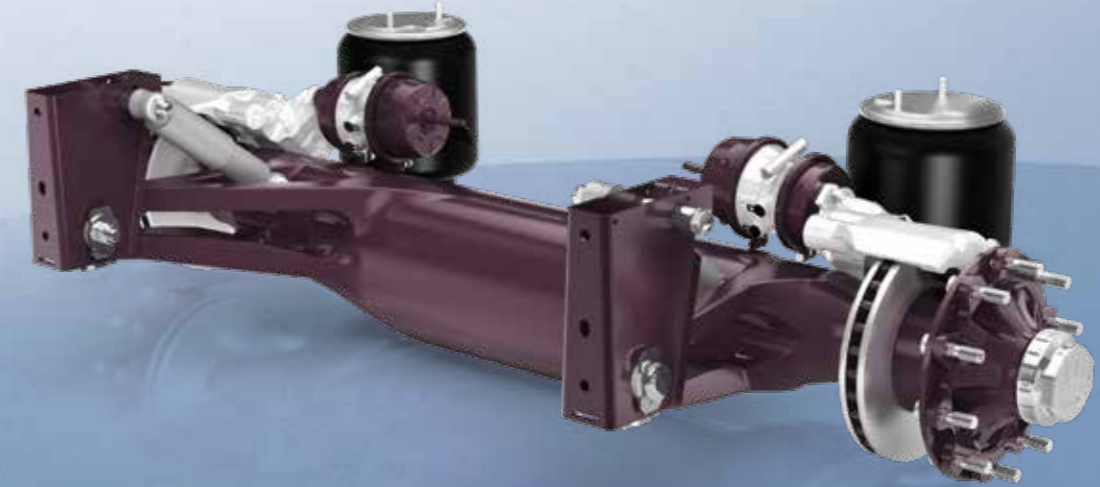
BPW air suspension units: Uncompromising comfort and safe handling.

Air suspensions from BPW have been tried and tested a million times over all around the world; they combine excellent cost efficiency with ideal driving properties and stability

Thanks to the modular design of our air suspensions, you get finely tuned chassis for all your applications.

THE ADVANTAGES FOR YOU AT A GLANCE:

- › the modular design makes it easy to service
- › maintenance-free axle connection with five + three year ECO Plus guarantee
- › maximum driving comfort and load protection
- › investment security and a high level of spare parts' availability
- › surface protection with KTLZN coating
- › optionally available with axle lifting system or self-steering axle for reduced tyre wear
- › weight-optimised with ECO Disc TSB 3709 and Airlight II air suspension: module weight as of 398 kg



ECO Vision, the ultralight axis made from GRP.

With the GRP air suspension module ECO Vision, BPW has successfully achieved a weight range which was previously considered impossible for trailer chassis. Today, the conventionally designed light BPW air suspension modules weigh approx. 400 kg. The weight of ECO Vision is just 320 kg which corresponds to a weight reduction of approx. 20%.

This has been made possible through the use of glass fibre reinforced plastic (GRP). Given its specific properties, this composite material is even stronger than steel and is also extremely resistant to corrosion, weathering and chemicals. This makes it both highly robust and long-lasting.

AN OVERVIEW OF THE ECO VISION ADVANTAGES:

- › weight reduction of approx. 80 kg per axle module and, as such, of 240 kg for a 3-axle unit
- › for axle loads of up to 9 t and disc brakes
- › compatible with BPW standard air suspension components such as the air bag, shock absorber and AL II air suspension hanger bracket
- › installation and operating specifications correspond to those of conventional air suspension systems
- › extremely robust and long-lasting
- › maximum comfort and road safety
- › higher loading / fuel savings

Complete illumination systems for trailers.

The ERMAX® brand represents a comprehensive portfolio of illumination systems and electrical components for commercial vehicles.

BPW's Danish subsidiary offers a wide range of complete illumination and cable systems which are available as both standard ranges and solutions that can be specifically configured. In order to satisfy customer wishes, the cable sets are modular in design and can be fitted with various connections and plugs which makes assembly very flexible and simple.

Illumination with lamp bulbs or LED technology is possible and comprises multifunctional lights as well as single-function lights which, given their high quality, are suitable for all applications.



Aluminium ECO Wheel: Forged for greater cost efficiency.



The lighter weight forged aluminium wheels from BPW make cost efficiency on the road child's play.

They are up to 50 percent lighter than steel wheels and with shiny and high-gloss finishes are also eye-catching highlights. This quality is underlined with our 5-year guarantee without mileage restrictions. Moreover, the ECO Wheel has been tested by TÜV, is KBA-approved and offers first-class quality "made in Germany".



Trucks and trailers at a glance. Telematics solutions for mineral logistics.

As your mobility partner, we offer you intelligent telematics solutions for trucks and trailers. Perfectly harmonised and manufacturer-independent. The transportation of hazardous goods in particular is subject to special demands. In order to guarantee the necessary safety, many of the components used require ADR approval. On the basis of confirmation received from TÜV Nord, we shall shortly be able to support you with our first ADR-certified trailer telematics system. The system is manufacturer-independent and can be easily retrofitted.

Truck functions

GPS/GLONASS	Route tracking	Driving periods/breaks	Truck navigation	Tachometer information
Driver's log	Driver's Card	Alarms	Order processing	Top driver
EcoResponse	TLogMobile	FMS data		

Trailer functions

GPS/GLONASS	Door monitoring	EBS information	Temperature monitoring	Tyre pressure monitoring
Brake lining wear sensing	Temperature monitoring on the brakes	Roof-height monitoring	Loading area detection	Freight security

ADVANTAGES FOR YOU:

- › ADR-approved telematics system
- › optimisation of your scheduling and vehicle availability
- › improved capacity utilisation of entire fleet
- › shorter reaction times
- › forecasting maintenance planning
- › constant availability of the relevant data via a manufacturer-independent Internet platform
- › storage of analyses and reports for up to 18 months
- › reduction in costs thanks to more efficient cost management