Safety and Convenience

Sensoric
LubeTronic

www.jost-world.com
Innovations from JOST:

**SKS – Remote-Controlled Sensor Coupling System**

In addition to monitoring, the SKS sensor coupling system also offers the option of remote controlling the fifth wheel coupling. The fifth wheel coupling no longer has to be opened manually when decoupling – this can be done easily from inside the driver’s cab via a pneumatic remote control.

- A sensor indicates the contact to the support plate, which boosts safety and convenience during the coupling process.
- A second sensor monitors the locking status, while a third checks the position of the kingpin.
- The sensors are placed on non-moving parts in protected areas.
- The fifth wheel coupling can be opened easily, even with a twisted tractor unit or where space is limited.
- The sensor coupling provides state-of-the-art electromagnetic compatibility.
- Visual display and audio indication in the driver’s cabin.

**Sensor Coupling – The Secure Solution with a Remote Display**

- Sensors monitor the coupling process
- Increased safety thanks to visual display and audio indication in the driver’s cabin
LubeTronic 5Point – Integrated Lubrication System for Fifth Wheel Couplings

Lubricating fifth wheel couplings is one of the necessary, but not necessarily best-loved tasks in the vehicle fleet. Above all, it causes downtime and ties up personnel. With its LubeTronic product range, JOST offers a variety of lubrication solutions that help save time and money. The LubeTronic 5Point was developed for fifth wheel couplings without top plate liners. This is a lubrication system integrated into a fifth wheel coupling.

- Lubrication intervals can be adjusted for use in long distance traffic and on-site traffic
- Very easy and compact
- Environmentally friendly and economical thanks to electronic dosing
- Sufficient lubricant supply for about 1 year

LubeTronic 1Point – Always well Lubricated

Thanks to the top-plate liners, low-maintenance fifth wheel couplings (W series) do not have to be lubricated on the coupling plate, but only on the lock-jaw. The use of LubeTronic 1Point combined with a specially-coated lock jaw also eliminates the need for this procedure.

- A supply of grease intended to last three years
- Area of application: Long distance traffic, suitable for use in hazardous-cargo vehicles
- Electronic fill level monitoring with an LED display

- Electronic fill level control with an LED display
- Refillable using lubricating nipples
- The quantity of grease dispensed remains constant, providing reliable lubrication for the fifth wheel coupling plate and the lockjaw
- It is also suitable for use in hazardous-cargo vehicles

- Retrofitting possible for all low-maintenance couplings
- Eliminates the need for manual lubrication
1. Fifth wheel couplings and systems
   2” and 3 ½” fifth wheel couplings in a variety of construction heights, bearing types and versions, mounting plates, sliders and dual height fifth wheel systems; sensor-controlled systems for the coupling procedure between truck and trailer

2. King pins
   2” and 3 ½” king pins with a conical or plate-shaped flange

3. Landing gears
   Landing gears with variable bolting heights, crank handles, connection shaft-lengths and foot types, special landing gears for special applications

4. Axle systems
   Weight-saving trailer axles with various special equipment for a wide range of uses

5. Hubodometers
   Used to calculate distance driven, independent of the truck

6. Ball bearing turntables
   Ball bearing turntables and slewing rings in a wide range of sizes and versions

7. Container technology
   Components for intermodal transports, supports, twist locks and bolsters, swap body lifting devices, guide roller bearings and bearings

8. Road traffic
   Open-end, hook and ball towing hitches, suspension elements, VARIOBLOCK alternating system and special models

9. Drawbars and towing eyes
   Drawbars and towing eyes as well as custom-made products for on and off-road usage

10. Agriculture
    Open-end, hook and ball towing hitches, height adjustable brackets and clutch carriers for agriculture and forestry

11. Steering systems
    Axle-independent or manufacture-independent mechanically, hydraulically and electronically controlled steering systems for trailers

12. Axle suspensions
    Air suspension or hydraulically suspended axle suspensions for on and off-road usage

13. Vehicle-mounted hydraulic systems
    Front end, underbody and tipping ejector cylinders for trucks and trailers/trailer tippers

14. Customer-specific hydraulic component kits
    Hydraulic component kits for various applications, chassis-specific hydraulic container component kits