

## Wascosa Safe tank car<sup>®</sup>, 54 m<sup>3</sup>, Zagns

For the transport of chlorine and sulphur dioxide



### Advantages

- New safety concept for dangerous goods tank wagons
- Various safety elements
- Optimised brake platforms



### Payload

| Load limits | A      | B      | C      | D      |
|-------------|--------|--------|--------|--------|
|             | S      | 39.0 t | 47.0 t | 57.0 t |
| 120         | 00.0 t |        |        |        |

Tare weight 25,000 kg

### Dimensions

|                         |                |
|-------------------------|----------------|
| Length over buffers     | 13,455 mm      |
| Outer axle base         | 1,346 mm       |
| Track gauge             | 1,435 mm       |
| Minimum radius          | 35 m           |
| Axle load               | 22.5 t         |
| Tank material           | P460NL1        |
| Tank capacity           | 54,000 l       |
| Tank code               | P22DH          |
| Calculated pressure     | 22 bar         |
| Max. working pressure   | 14 bar         |
| Calculated temperatures | -40°C / +50 °C |

### Technical data

|                 |  |
|-----------------|--|
| Wheelsets       | BA 004 (Ø new: 920 mm)   |
| UIC profile     | TEN GE, G1   |
| Brake           | Knorr KE-GP-A  |
| Brake blocks    | Jurid 816 M BG (320 mm)  |
| Hand brake      | 20 t   |
| Bogie           | Y25 Ls1  |
| Safety features | Crash buffers, derailment detector, buffer override protection, recessed dome with rollover protection |

### Equipment

|                             |                |
|-----------------------------|----------------|
| Dome with cap               | DIN EN 12561-6 |
| Phoenix quick closing valve | Type 309.40    |
| Gas phase 1x                | DN 40          |
| Liquid phase 2x             | DN 40          |

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