

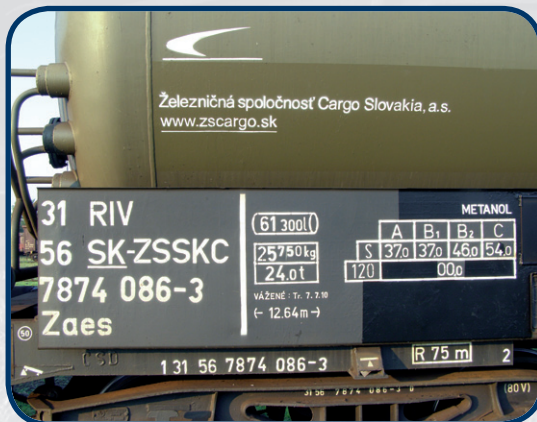
## Zaes, Zaces

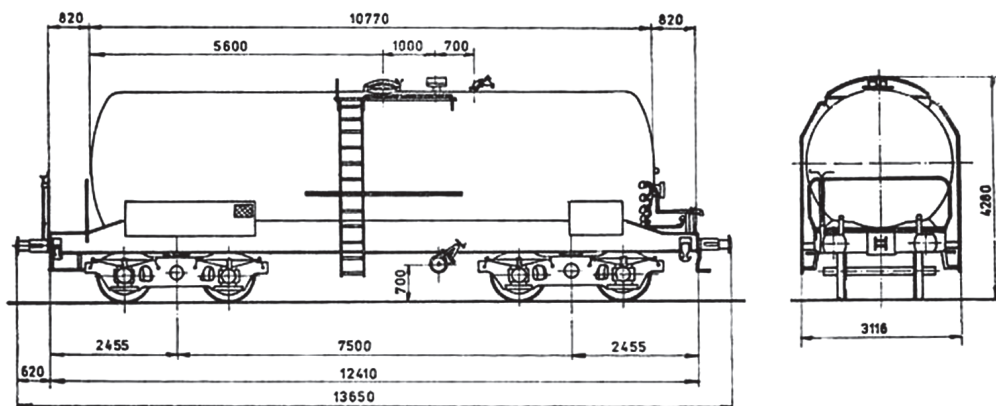


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### Use:

Tank wagon with steel tank (boiler) is equipped with steam heating device with heating coils for heating of transported liquids when discharging. At one end of the wagon, there is a platform, which includes a screw hand brake. At loading aperture, along both its sides, there are longitudinal access floors with railing and ladders. The wagon is intended to carry mineral oils and petroleum derivatives as well as goods of such commodities, which require that the conditions for transport of dangerous goods under RID (e.g. petrol, diesel, methanol, ethanol, etc.) are complied with.





## Wagon technical parameters

| Wagon series                         |   | Zaes                             | Zaes                             | Zaces                                                        | Zaes                                          | Zaes                             |
|--------------------------------------|---|----------------------------------|----------------------------------|--------------------------------------------------------------|-----------------------------------------------|----------------------------------|
| Digit interval                       |   | <b>7880 – 7881</b>               | <b>7882 – 7884</b>               | <b>7874</b>                                                  | <b>7983</b>                                   | <b>7874<br/>7986 – 7987</b>      |
| Construction group                   |   | 30                               | 11                               | 51                                                           | 51                                            | 51                               |
| Interoperability                     |   | 31, 82                           | 31, 82                           | 31, 82                                                       | 31                                            | 31, 82                           |
| Number of axles                      |   | 4                                | 4                                | 4                                                            | 4                                             | 4                                |
| Bogie type                           |   | 26-2.8                           | 26-2.8                           | Y 25                                                         | Y 25                                          | Y 25                             |
| Wagon length over the buffers        |   | 13,24 m                          | 13,65 m                          | 12,64 m                                                      | 12,64 m                                       | 12,64 m                          |
| Wagon tare                           |   | 26,00 t                          | 25,00 t                          | 26,00 t                                                      | 26,40 t                                       | 26,00 t                          |
| Loading capacity                     | A | 38,00 t                          | 39,00 t                          | 37,00 t                                                      | 36,50 t                                       | 37,00 t                          |
|                                      | B | 46,00 t                          | 47,00 t                          | 46,00 t                                                      | 45,50 t                                       | 46,00 t                          |
|                                      | C | 46,00 t                          | 47,00 t                          | 54,00 t                                                      | 53,50 t                                       | 54,00 t                          |
| Additional raster                    |   | <b>ČDC, PKP,<br/>ZSSKC</b>       | <b>ČDC, PKP,<br/>ZSSKC</b>       |                                                              |                                               |                                  |
| Loading capacity<br>(speed 90 km /h) | A | 38,00 t                          | 38,00 t                          |                                                              |                                               |                                  |
|                                      | B | 46,00 t                          | 46,00 t                          |                                                              |                                               |                                  |
|                                      | C | (54,00) t                        | (55,00) t                        |                                                              |                                               |                                  |
| Axle base / pivot pins distance      |   | 7,20 m                           | 7,50 m                           | 7,60 m                                                       | 7,60 m                                        | 7,60 m                           |
| Loading volume                       |   | 60,00 m <sup>3</sup>             | 61,60 m <sup>3</sup>             | 61,30 m <sup>3</sup>                                         | 52,00 m <sup>3</sup>                          | 61,00 m <sup>3</sup>             |
| Note                                 |   | steel boiler<br>steam<br>heating | steel boiler<br>steam<br>heating | steel boiler<br>unloading<br>under pressure<br>steam heating | Insulated<br>steel boiler<br>steam<br>heating | steel boiler<br>steam<br>heating |