VHD™ Valdunes Heavy Duty

- More than 30 years experience in heavy haul transportation.
- Partner in the TTCI (AAR-USA) high performance wheel. Programs 1 an 2 (HPW1-HPW2).
- Wheels have been used for more than 5 years with a good performance. Experience has been used to participate in the new HPW2 program starting in 2017.

Tailor-made solutions from our R&D department adapted to your specific requirements. Hardness and steel grades designed according to your applications.

Surpass AAR M107/208 requirements (Class C mod 2, Class C mod 3 and Class D solutions).

Very high cleanliness and specially developed steel grades (with targeted micro-alloying).

Optimized wheel and wheelset geometries to improve life, reduce wear and weight and improve safety.
INCREASED PAYLOAD
Improved wheelset design can help you increase both the axle load up to 50 tonnes and wagon payload by reducing the weight of the wheelset.

WHEEL LIFE IMPROVEMENT
By working closely with our customers we have been able to increase wheel life up to an average 1.7 million km.

WORLDWIDE EXPERIENCE
Our products are currently in service throughout the world, giving us a wide experience of all extreme conditions: -40°C to +45°C, desert, arctic, tropical, mountain, steep gradients...

QUALITY AND SAFETY
Special steels, specific heat treatments and optimised wheelset design not only enhance wheel life and increase payloads but also significantly improve railroad safety.

OUR MAIN REFERENCES