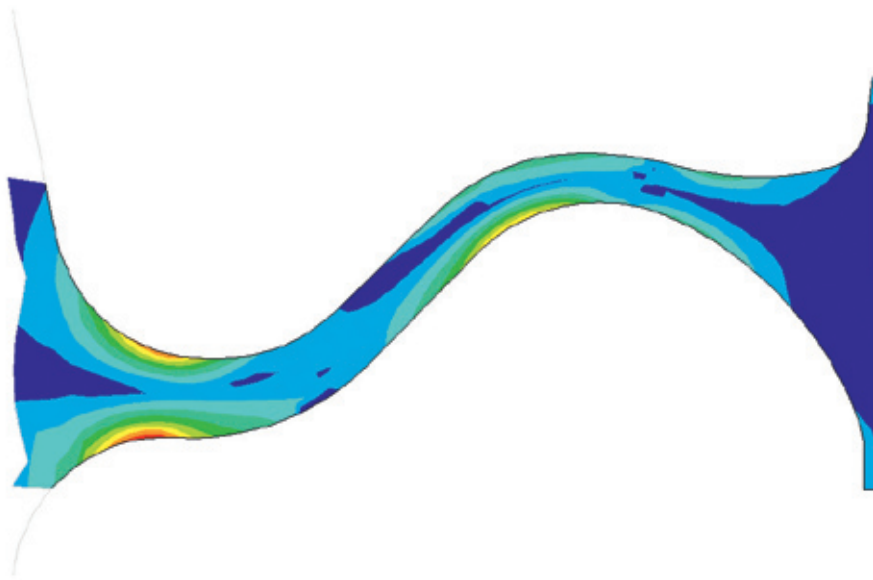
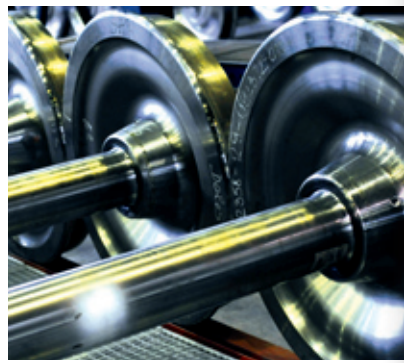


# VHD™

## Valdunes Heavy Duty™

HEAVY HAUL



INCREASED  
PAYLOAD

QUALITY AND SAFETY

WHEEL LIFE  
IMPROVEMENT

**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.**

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.



➔ More than 30 years experience in heavy haul



**GHH-VALDUNES**

[www.ghh-valdunes.com](http://www.ghh-valdunes.com)

# VHD™

## Valdunes Heavy Duty™

### HEAVY HAUL



#### INCREASED PAYLOAD

Improved wheelset design can help you **increase both the axle load up to 40 tons 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

Australia: BHP Billiton - Canada: QCM, QNSL, Wabush Mine, Canadian Pacific, Canadian National, Via Rail - Gabon: Comilog - Mauritania: SNIM - South Africa: Transnet...



## GHH-VALDUNES

[www.ghh-valdunes.com](http://www.ghh-valdunes.com)

STUDIO PLUS SA [www.studioplus.com](http://www.studioplus.com)

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