

Success Story – Steel Mills – Turkey

Equipment: **9 axle Truck**

Tire: **315/80R22.5**

Product: **Ultra**

End User: **Iskenderun**

Iskenderun is the center of Steel Manufacturing in Turkey.



Founded to produce long products such as pig iron, blooms, billets and reinforcing bars at international standards, Isdemir uses coke – sinter – blast furnace – steelworks – continuous casting and hot rolling processes for production.

Continuous development and making a difference in products and services by using novel technologies with a consciousness for the environment is a main principle for Isdemir, which completed its Modernization and Transformation Investments (MTI) that had started in 2004, and increased its initial liquid steel capacity of 2.2 million tons/year to 5.3 million tons/year. It also has an installed production capacity of 3.5 million tons/year for flat products, 0.6 million tons/year for coils and 2.5 million tons/year for billets as finished products.

Application:

Isdemir have 8 heavy duty machines on site. Scheuerle/Kamag and Paling (Canadian Equivalent) These are nine axle Scheuerle machines. Average tyre life: 2,500 Hour. Tyre Size: 315/80R22.5
Original issues on the Paling machine were rim and chassis cracks. When examined, the Paling Machine in terms of tyre and rim quality may not be as strong as the rim and tyre spec on the Scheuerle/Kamag machine. The rims are more light weight and the tyres were standard Michelin X versus XZM on the Scheuerle/Kamag.

Problem:

Tyres failing with 90 percent tread life left.



Solution:

Application of GSX Tyrfil

Results:

For Isdemir the most important issue is Safety. By using GSX Tyrfil on their tyres they have solved the problem of tyres failing and at the same time ensuring that their personal is protected against air filled tyres exploding and rim flanges and locking rings causing damage to the vicinity. The worst possible risk is a person being nearby and a possible fatal accident taking place with rim components exploding.

Another great example of the cost savings of TyrFil®!