

# Resilient Industrial Tires

## *Product Usage Guidelines*

**Product:** Resilient Tires


**Size:** All sizes

Wet traction depends on the travelling speed and applied load to the tires:

- At low speed (i.e. below 40 km/h) a slick tire has better traction performance cause (as you said) more rubber is in contact with the floor
- At higher speeds a tread pattern (native or ad-hoc created by means of regrooving) can help evacuating the water film that can induce aquaplaning.

In addition, the high specific pressures involved on industrial applications guarantee tire/floor contact even in presence of wet conditions. Therefore, there is no performance advantage in regrooving slick tires used on counterbalanced forklift trucks (max allowed traveling speed of 25 km/h).

Tivoli, 11<sup>th</sup> June 2013



Field Engineering Manager

