

Welcome to the second lesson on MPT tires. We will now deal with the requirements and application ranges of MPT tires and will answer the following questions:

- What demands are made on Continental MPT tires?
- Where are MPT tires used
- What are the criteria for using MPT tires?

This knowledge informs you about the use of MPT tires.

The following **general demands** are made of MPT tires and the tires on multi-purpose vehicles and construction vehicles:

- **Carrying the weight of the vehicle and the equipment**
- **Absorbing cornering forces**
- **Contributing to the vehicle's low driving resistance**
- **Converting the engine power into traction on various surfaces**
- **Adapting flexibly to uneven ground and vehicle vibrations**
- **Long service life**

The following **special demands** are made on Continental MPT tires:

- **Compact dimensions**
- **Good off-road traction**
- **High running smoothness on roads**
- **High reference speed**
- **Wide internal air pressure range**
- **High lateral stability**

A vehicle fitted with Continental MPT tires can master road travel at high speeds and guarantees high off-road traction.

MPT tires can be used in a variety of situations from **roadways**, **construction sites**, **fields** and **meadows** to **seashores** and **sandy deserts**. The most important application ranges are shown in the following examples:



fig. off-road service

The application criteria for Continental MPT tires are:

- High speeds on roadways and good off-road traction
- Increasing off-road traction
- Increasing puncture resistance
- Increasing riding comfort
- Achieving higher mileage performance
- Reducing track depths

Before Continental MPT tires can be recommended, the type of **task** to be completed on the tires must be clarified.

The following table is intended to help you with the recommendation.

Multi purpose		
street	off-road	snow clearance
	MPT 70 EI MPT 30	
MPT E 6		MPT E 6
MPT E 5		
MPT MIL Radial I MPT MIL Diagonal		
MPT Titan		MPT Titan
MPT 80		
MPT 81		

fig. multi purpose

What tasks can be carried out with Continental MPT tires?

haulage

stacking/lifting

multi-purpose tasks

earthmoving

- **Vehicles fitted with Continental MPT tires can master road travel at high speeds and guarantee high off-road traction**
- **MPT tires can be used in a variety of situations from roadways, construction sites, fields and meadows to seashores and sandy deserts.**
- **Before Continental MPT tires can be recommended, the type of task to be completed on the tires must be clarified.**