

Why We've Never Sold Part Worn Tyres



The Investigation

It is a statistical fact that 98% of all part worn tyres do not display the 'part worn' mark required in order to be sold legally. A North Lanarkshire Trading Standards investigation completed in November 2011 checked 12 dealers to discover all failed.

Source: <http://www.northlanarkshire.gov.uk/index.aspx?articleid=23315>

The Dangers

A report carried out by tyresafe.org in collaboration with Trading Standards shows that in 2010 there were 1,210 injuries in a tyre related incident. Part worn tyres may hold hidden problems such as wires showing, chunks removed or even repairs made on the side wall.

The tread on a part work tyre has been previously used reducing the depth of treat and grip thus immediately reducing the handling, steering and breaking distance.

The legal limit in the UK for a tyre is 1.6mm across $\frac{3}{4}$ of the tyre, a recommendation from the manufacturer is to change the tyre around 3mm. A new tyre typically comes with around 7-9mm, compared with a part worn of only around 4mm.

The stopping distance on a new tyre is on average around 25.9m compared to a worn tyre 37.8m that's nearly 12m extra stopping distance not accounting for thinking time.

The Statistics

A study performed by tyresafe.org showed that:

Fault / non-conformity	% of tyres found
Not correctly marked "Part worn"	98
Repair not in accordance with BS AU 159	16
Bead damage (fitting / removal)	4
Exposed cords	2
Evidence of running under-inflation	6
Inner liner damaged / open liner splices	4
Object still penetrating tyre	2

False Economy

A standard tyre is around 7-9mm, the average cost per millimetre for a new tyre works out cheaper than buying a part worn tyre. On Average:

Part Worn Tyres cost £6.33 per mm of tread

New Tyres cost £5.32 per mm of treat that's £1 per mm cheaper.

[More information and advice on the dangers of part worn tyres can be found on the tyresafe website found at www.tyresafe.org or ask a member of staff about our large range of new tyres](http://www.tyresafe.org)