

AutoSock Wear Resistance on snowy Roads

2012-01-12

A Saab 95 2.0T has been 4 wheel equipped with 205/55 R16 tires and 4 AutoSocks of model 645.

With that, a 400km distance test has been executed in the Norwegian mountains on snowy roads at cloudy weather over two days:

- 2012-01-09 at -11 to -9 °C.
- 2012-01-10 at -3 to -2 °C.

After 400 km driving at almost constant with 50 km/h the test was stopped & finished.

Result:

- No correction/re-adjustment of any AutoSock over the complete 400 km necessary.
- All 4 AutoSocks after 400 km still in good shape & safe on tire.
- Some small cuts/holes, but still no black layer from the RCF white/black double layer visible.
- Assuming, that all 4 socks can last another 200-400km under comparable conditions.

Dynamic Test										
Protocol										
Name of project: Jeans-Seam n Model 645								Test location: Dagli		
Date: 2012-01-09_10		Loading FA:			Air pressure tire:		Car: Saab 95 / 2.0T		Continental	
Driver: Bernt		Loading RA:			Ground condition:		Weather: Cloudy		VikingContact 3	
Air temp.°C: -11 to -09 and -3 to -2									205/55 R16 910	
Ground temp.°C:										
Sample	645	645	645	645						Notes
Note 1	LF	RF	LR	RR						
Note 2										
In-Weight (g)										
Out-Weight (g)										
3kg-El. (mm)	87,9	85,4	83,2	88,5						
Monday: 7km	Recenter	o.k.	o.k.	o.k.						
15km	o.k.	o.k.	o.k.	o.k.						
17km	C l e a n e d									
50km	o.k.	o.k.	o.k.	o.k.						
32km	o.k.	o.k.	o.k.	o.k.						
60km	o.k.	o.k.	o.k.	o.k.						
92km	o.k.	o.k.	o.k.	o.k.						
118km	o.k.	o.k.	o.k.	o.k.						
Tuesday: 152km	o.k.	o.k.	o.k.	o.k.						
200km	o.k.	o.k.	o.k.	o.k.						
265km	o.k.	o.k.	o.k.	o.k.						
400km	o.k.	o.k.	o.k.	o.k.						

BB/ 2011-01-01

645
 Virgin
 Seams



645
 4 Socks
 after
 400km



645
 Front
 Left
 after
 400km



645
 Rear
 Right
 after
 400km



645
 Front
 Right
 after
 400km



645
 Rear
 Left
 after
 400km



B. Boenigk / 2012-01-12