

FALKEN HS437/HS435, European Winter Tyres Adopt "New Compound"

09/12/2006

SRI TIRE TRADING LTD. released EUROWINTER HS437/HS435 (European winter tyre) which has adopted "New Compound" from June 2006.

Product name : EUROWINTER HS435/EUROWINTER HS437

Number of size : total 41 sizes

Introduction of new tread compound : June 2006

Features :

- \* Improved wet performance for braking and grip level comparing with current existing model.
- \* New tread compound is introduced in compliance with European Environment Regulations 2008.



**EUROWINTER  
HS437**

23 sizes  
Section : 165 – 255  
Series : 40 – 80  
Rims : 14 – 18 inches  
Speed symbol : T, H, V



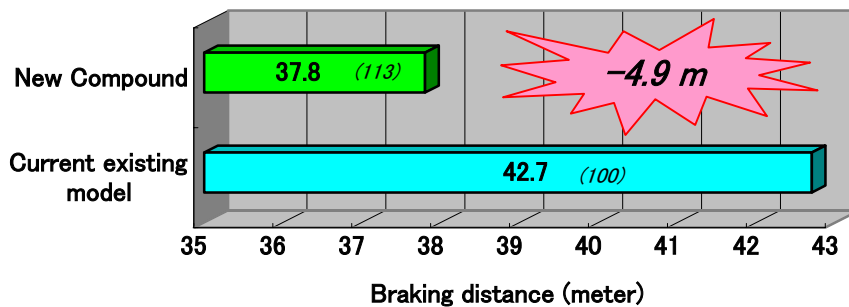
**EUROWINTER  
HS435**

16 sizes  
Section : 165 – 255  
Series : 55 – 80  
Rims : 13 – 15 inches  
Speed symbol : Q, T

Following two sizes are another two available patterns:

- \*195/60R14 86T HS434
- \*135/80R13 70Q HS400

**WET Braking from 100km/h to 0km/h**



Test condition

- Tyre size : [HS437]205/55R16 91H [current existing model] vs [New compound]
- Vehicle : TOYOTA CRESTA ( driver only )
- Air pressure ( kPa ) : ( F )230( R )230
- Surface of the road : SUMITOMO RUBBER INDUSTRIES, LTD test course
- # The test is an original test in SUMITOMO RUBBER INDUSTRIES, LTD.

| Size                                      | Permittec Rim | Measuring Rim Width        | Section Width<br>(mm) | Overall Diam.<br>(mm) | Static Loaded Radius<br>± 1.5%<br>(mm) | Rolling Circumference<br>± 2.0%<br>(mm) |      |
|---|---------------|----------------------------|-----------------------|-----------------------|--|---|------|
| <b>EUROWINTER HS-437 40/45 SERIES V/H</b> |               |                            |                       |                       |  |   |      |
| RF 225/40R18                              | 92V           | 7.5 - 9.0J                 | 8.0                   | 228                   | 637                                    | 299                                     | 1945 |
| 225/45R17                                 | 91H           | 7.0 - 8.5J                 | 7.5                   | 218                   | 638                                    | 296                                     | 1945 |
| <b>EUROWINTER HS-437 50/55 SERIES H</b>   |               |                            |                       |                       |  |   |      |
| 195/50R15                                 | 82H           | 5.5 - 7.0J                 | 6.0                   | 199                   | 581                                    | 269                                     | 1770 |
| RF 205/50R17                              | 93H           | 5.5 - 7.5J                 | 6.5                   | 212                   | 641                                    | 298                                     | 1955 |
| 195/55R15                                 | 85H           | 5.5 - 7.0J                 | 6.0                   | 199                   | 595                                    | 274                                     | 1815 |
| 205/55R16                                 | 91H           | 5.5 - 7.5J                 | 6.5                   | 213                   | 629                                    | 290                                     | 1920 |
| 215/55R16                                 | 93H           | 6.0 - 7.5J                 | 7.0                   | 225                   | 645                                    | 296                                     | 1965 |
| 225/55R16                                 | 95H           | 6.0 - 8.0J                 | 7.0                   | 232                   | 656                                    | 301                                     | 2000 |
| RF 235/55R17(SUV)                         | 103H          | 6.5 - 8.5J                 | 7.5                   | 239                   | 693                                    | 318                                     | 2115 |
| RF 255/55R18(SUV)                         | 109H          | 7.0 - 9.0J                 | 8.0                   | 263                   | 737                                    | 338                                     | 2250 |
| <b>EUROWINTER HS-437 60/65 SERIES H/T</b> |               |                            |                       |                       |  |   |      |
| 185/60R14                                 | 82T           | 5.0 - 6.5J                 | 5.5                   | 187                   | 578                                    | 265                                     | 1765 |
| 195/60R15                                 | 88T           | 5.5 - 7.0J                 | 6.0                   | 199                   | 615                                    | 282                                     | 1875 |
| 195/60R15                                 | 88H           | 5.5 - 7.0J                 | 6.0                   | 199                   | 615                                    | 282                                     | 1875 |
| 205/60R15                                 | 91H           | 5.5 - 7.5J                 | 6.0                   | 207                   | 632                                    | 288                                     | 1930 |
| 205/60R16                                 | 92H           | 5.5 - 7.5J                 | 6.0                   | 207                   | 652                                    | 299                                     | 1990 |
| 195/65R15                                 | 91T           | 5.5 - 7.0J                 | 6.0                   | 197                   | 638                                    | 291                                     | 1945 |
| 195/65R15                                 | 91H           | 5.5 - 7.0J                 | 6.0                   | 197                   | 638                                    | 291                                     | 1945 |
| 205/65R15                                 | 94T           | 5.5 - 7.5J                 | 6.0                   | 205                   | 650                                    | 295                                     | 1985 |
| 205/65R15                                 | 94H           | 5.5 - 7.5J                 | 6.0                   | 205                   | 650                                    | 295                                     | 1985 |
| 215/65R16(SUV)                            | 98H           | 6.0 - 7.5J                 | 6.5                   | 216                   | 693                                    | 315                                     | 2115 |
| RF 235/65R17(SUV)                         | 108H          | 6.5 - 8.5J                 | 7.0                   | 236                   | 741                                    | 337                                     | 2260 |
| <b>EUROWINTER HS-437 70/80 SERIES T</b>   |               |                            |                       |                       |  |   |      |
| 165/70R14                                 | 81T           | 4.0 - 5.5J<br>4.50-5.50B   | 5.0                   | 169                   | 593                                    | 270                                     | 1810 |
| 175/80R14                                 | 88T           | 4.5 - 6.0J                 | 5.0                   | 174                   | 636                                    | 287                                     | 1940 |
| <b>EUROWINTER HS-435 55 SERIES T</b>      |               |                            |                       |                       |  |   |      |
| 185/55R15                                 | 82T           | 5.0 - 6.5J                 | 6.0                   | 190                   | 589                                    | 272                                     | 1795 |
| <b>EUROWINTER HS-435 65 SERIES Q/T</b>    |               |                            |                       |                       |  |   |      |
| 175/65R13                                 | 80T           | 5.0 - 6.0J *               | 5.0                   | 172                   | 562                                    | 255                                     | 1715 |
| 175/65R14                                 | 82T           | 5.0 - 6.0J<br>5.00 - 5.50B | 5.0                   | 172                   | 587                                    | 268                                     | 1790 |
| 185/65R14                                 | 86T           | 5.0 - 6.5J                 | 5.5                   | 187                   | 599                                    | 273                                     | 1825 |
| 185/65R15                                 | 88T           | 5.0 - 6.5J                 | 5.5                   | 187                   | 622                                    | 284                                     | 1895 |
| RF 205/65R15                              | 99T           | 5.5 - 7.5J                 | 6.0                   | 204                   | 650                                    | 295                                     | 1985 |
| <b>EUROWINTER HS-435 70 SERIES Q/T</b>    |               |                            |                       |                       |  |   |      |
| 145/70R13                                 | 71Q           | 3.5 - 5.0J *               | 4.5                   | 149                   | 537                                    | 246                                     | 1640 |
| 155/70R13                                 | 75Q           | 4.0 - 5.0J *               | 4.5                   | 156                   | 551                                    | 251                                     | 1680 |
| 165/70R13                                 | 79Q           | 4.0J - 5.5J *              | 5.0                   | 171                   | 565                                    | 257                                     | 1725 |
| 175/70R13                                 | 82T           | 4.5 - 6.0J *               | 5.0                   | 174                   | 577                                    | 261                                     | 1760 |
| 175/70R14                                 | 84T           | 4.5 - 6.0J<br>5.00 - 5.50B | 5.0                   | 176                   | 603                                    | 274                                     | 1840 |
| 185/70R14                                 | 88T           | 4.5 - 6.0J                 | 5.5                   | 190                   | 616                                    | 279                                     | 1880 |
| RF 195/70R15                              | 97T           | 5.0 - 6.5J                 | 6.0                   | 197                   | 657                                    | 298                                     | 2005 |
| <b>EUROWINTER HS-435 80 SERIES Q</b>      |               |                            |                       |                       |  |   |      |
| 145/80R13                                 | 75Q           | 3.5 - 5.0J *               | 4.0                   | 145                   | 565                                    | 257                                     | 1725 |
| 155/80R13                                 | 79Q           | 4.0 - 5.0J *               | 4.5                   | 156                   | 579                                    | 262                                     | 1765 |
| 165/80R13                                 | 83Q           | 4.0 - 5.5J *               | 4.5                   | 162                   | 596                                    | 269                                     | 1820 |
| <b>EUROWINTER HS-434 60 SERIES T</b>      |               |                            |                       |                       |  |   |      |
| 195/60R14                                 | 86T           | 5.5 - 7.0J                 | 6.0                   | 199                   | 590                                    | 269                                     | 1800 |
| <b>EUROWINTER HS-400 82 SERIES Q</b>      |               |                            |                       |                       |  |   |      |
| 135/80R13                                 | 70Q           | 3.5 - 4.5J *               | 3.5                   | 130                   | 549                                    | 250                                     | 1675 |

\* B flange rims also permitted with the same rim width