I nostri Ultimate sono composti da una serie di miscele lubrificanti appositamente studiate per il materiale d'attrito, che agiscono in un'ampia fascia di temperatura.

## UTILIZZI E VANTAGGI

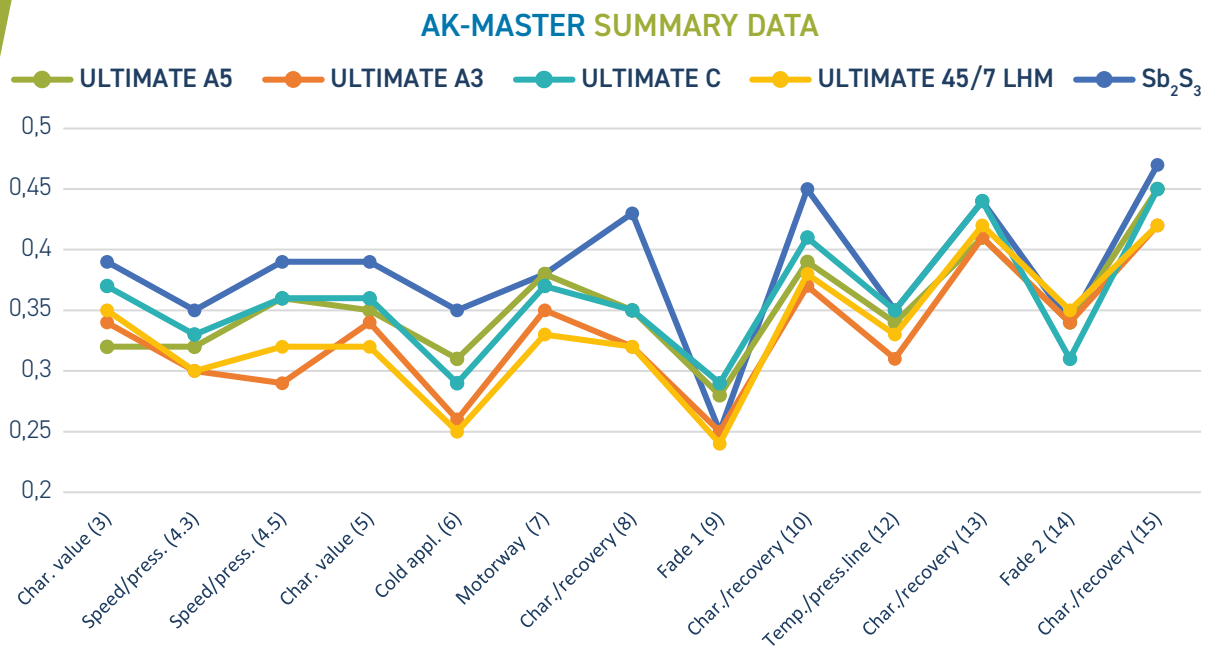
» Stabilizzatori del coefficiente di attrito in un esteso range di temperature per tutti i tipi di applicazioni di pastiglie disco freno e linings.

» Meno rumore e meno vibrazioni con conseguente miglioramento del NVH.

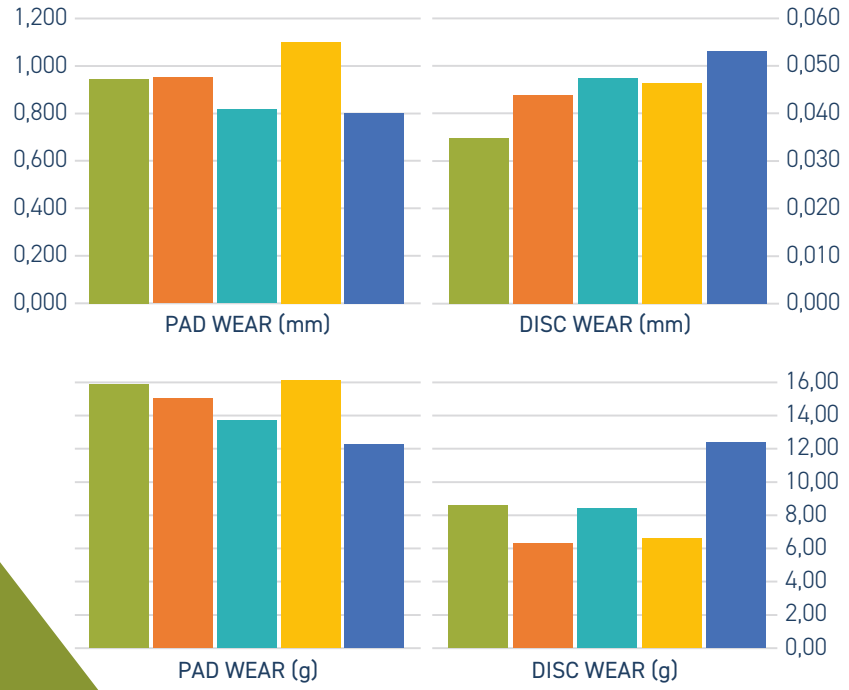
» Minore usura, aumento della vita della pastiglia e del disco freno.

» Materiali green, più economici rispetto ad altri lubrificanti come $Sb_2S_3$ e $MoS_2$.

## MISCELE LUBRIFICANTI PER IL MATERIALE D'ATTRITO

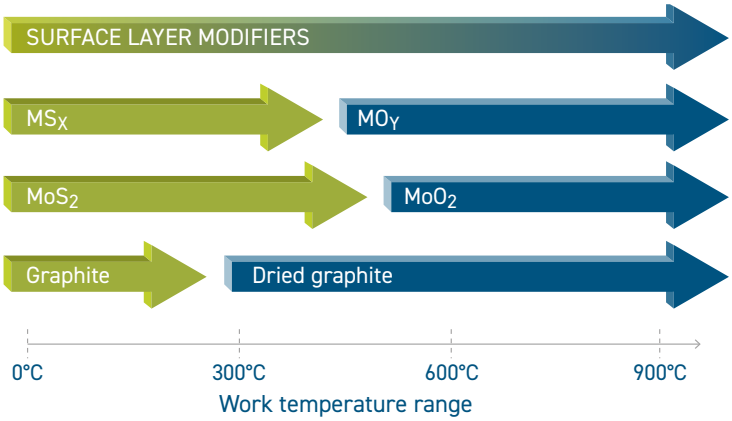



Ultimate C and A series have been tested in low steel formulation in comparison with antimony trisulphide.
Ultimate 45/7 LHM in comparison with molybdenum disulfide.
The total amount of lubricant in the material is 5 vol.%
The tests were performed on a full-scale dynamometer.

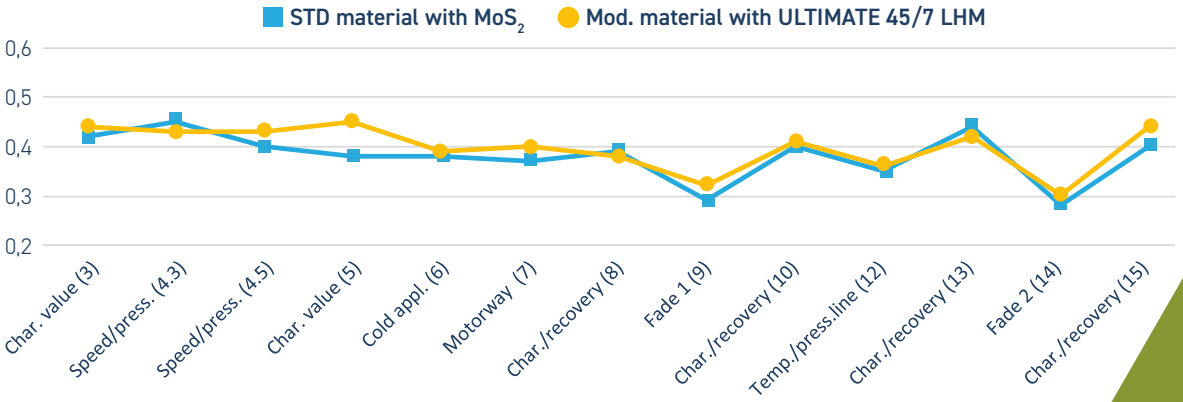



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## ADAPTIVE LUBRICANT SYSTEM




| | ULTIMATE A5 | ULTIMATE A3 | ULTIMATE C | ULTIMATE 45/7 LHM |
|---|---|---|---|---|
| Peso specifico<br>Specific gravity | 3.3 [kg/l] | 3.0÷3.2 [kg/l] | 3.8 [kg/l] | 3.0 [kg/l] |
| Typical particle size -45 µm | 95% | 95% | 90% | 95% |
| Operating temperature [°C] | Up to 600 °C | | | |




**AK-Master Comparative dyno tests** show that ULTIMATE is a valid alternative to common lubricants such as $Sb_2S_3$ and $MoS_2$

## A SERIES OF LUBRICANT MIXES FOR FRICTION MATERIALS

Our Ultimate line is composed of a series of lubricant mixes, specially designed for friction material, that act in a wide range of temperatures.

### USES AND BENEFITS

- Stabilizes the coefficient of friction over a wide temperature range in all disc brake pad and lining applications.
- Improves NVH performance by reducing noise and vibration.
- Reduces wear and extends brake pad and disc life.
- Greener and more cost-effective than other lubricants such as $Sb_2S_3$ and $MoS_2$.

ULTIMATE LUBRICANTS

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