



## Performance CP

### High copper content spray

#### Description

Performance CP forms an effective layer to separate metal surfaces at temperatures from  $-40^{\circ}\text{C}$  to  $+900^{\circ}\text{C}$  and up to  $+1200^{\circ}\text{C}$  for short periods, the layer prevents the metal from seizing. The base oil in the paste is effective up to a temperature of  $280^{\circ}\text{C}$  and at temperatures above this level lubrication is obtained by the copper particles. These particles also provide optimum corrosion protection for parts which have been treated effectively.

Performance CP is used as an assembly paste for all types of screws, threads and press-fit connections. Long-term protection against pitting and seizing is provided because of the large amount of copper particles in the formulation. Performance CP is suitable for applications subjected to high thermal and mechanical loads, e.g. screw connections on exhaust systems, mounting fittings on turbochargers, press-fit connections for ship propellers, threads and screws on hot-steam valves and fittings in hot-steam installations. A fine film of Performance CP on all moving parts of disc brakes provides long-term relief from irritating squealing and whistling noises. Also, extremely suitable for slow-turning, highly loaded plain bearings and door hinges on passenger cars.

Performance CP has a high thermal stability and prevents wear and seizing. Furthermore Performance CP is resistant to chemical attack and adverse weather influences and prevents from corrosion.

#### Advantages

- Directed jet spray
- Prevents friction, wear and sticking
- Resistant to chemicals and weather influences
- High thermal stability
- Dry coating
- Simplifies the future removal
- Eases assembly and dismantling
- Prevents against corrosion
- Lowers force required during assembly
- Suitable for use in arduous conditions
- Helps prevent fretting corrosion
- Guards against pick-up, galling and seizure
- Wide range of applications

#### Applications

- Moving parts of disc brakes
- Exhaust parts
- Screwed connections, which are exposed to high temperatures
- Mounting fittings on turbochargers
- Threads & Screws on hot-steam installations
- Press fit connections for ship propellers
- Battery Poles
- Thread of Spark Plugs

All performance data on this Technical Data Sheet are indicative only and can vary during production

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## Typical performance data

Appearance	Paste
Colour	Copper
Scent	Characteristic
VOC content, w/w	69%
Solid content, w/w	31%
Temperature range, °C	-40 to +1100
Vapour pressure at 20°C, bar	3-4
Relative density at 20°C, g/ml	0.767

## Method of use

Shake vigorously before use. The solvent evaporates in approximately 1 minute where after Performance CP reaches its optimum protection & anti friction properties.



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