TECHNICAL DATA SHEET

Matrix specialty lubricants

Performance® CP

INDUSTRIAL COPPER ASSEMBLY PASTE

Product Code
594339
Industrial Spraycans

LUBRICANT GREASE

Industrial Copper Assembly Paste

This product forms an effective layer to separate metal surfaces at temperatures from –40°C to 900°C and up to 1200°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°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. It 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.

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 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.

℮ 400ml

Typical Performance Data

Typical	Value
Appearance	Paste
Colour	Copper
Scent	Characteristic
VOC content, w/w	69%
Solid content, w/w	0,31
Temperature range, °C	-40 to +1100
Vapour pressure at 20°C, bar	3-4
Relative density at 20°C, g/ml	0.767

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

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

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