



# Brake Plate Copper Lubricant

A high performance copper complex grease designed for use in general industrial applications



## Features & Benefits

- High temperature range with good adhesion properties – will not melt or run out
- Assembly or disassembly grease – easy to use, saves time
- Provides long term lubrication with anti-wear properties – improves performance
- Designed for application with components exposed to high temperatures, strong pressures and corrosive influences – prevents corrosion and seizing
- Brush actuator with pressurized container – provides an optimal and economical instant application

P/N	Product	S/C	Packaging
86559	Brake Plate Copper Lubricant	BPP	200 ml pressure pack with brush head / sleeve

## Application

KENT Brake Plate Copper Lubricant acts as a lubricating seal and prevents the ingress of water and corrosive solutions. It is designed for use as a protective high-temperature and extreme pressure non-drip / non-melt lubricant which leaves a protective film that seals and protects metal parts even under the most severe conditions of heat, pressure, steam and water exposure.

Continuous use as a grease at temperatures up to 150 °C is possible. Above 200 °C, the carrier oil evaporates leaving a dry lubricating film which is effective up to 1000 °C and efficiently prevents the seizure of contact surfaces.

As a preventative maintenance tool it's providing complete parts protection on threaded fittings and all metal surfaces subjected to harsh environments or high temperatures.

Applications include flanges and fittings for hot steam treatment, turbines and boilers, lubrication of various systems and tools, e.g. concrete and stone drills, brake discs, calipers, brake pads, track adjusters, extension rods, chains, pipework, nuts / bolts, keys / keyways and exhaust systems.

## Instructions

1. Apply directly onto the previously cleaned surface to be lubricated.



## Technical Information

<b>Base:</b>	Mineral-oil based, lithium thickener with copper powder
<b>Consistency, colour:</b>	Pasty, smooth, copper coloured
<b>Odour:</b>	Characteristic / mineral oil
<b>Shelf life:</b>	24 months
<b>Custom tariff code:</b>	34031980
<b>VOC:</b>	40 g/l (8 g/can – solvent remains in the can)

<b>Density:</b>	1.00 g/ml
<b>Temperature range:</b>	-20 °C to +1000 °C
<b>Continuous:</b>	up to +150 °C, as a grease
<b>Temporary:</b>	up to + 1000 °C, carrier oil evaporates leaving a dry lubricating film
<b>Timken OK load (ASTM D 2782):</b>	Not determined
<b>Penetration (DIN ISO 2137):</b>	Not determined
<b>Worked:</b>	265 - 295 (0.1mm) ISO 2137
<b>Unworked:</b>	Not determined
<b>NLGI grease grade:</b>	Not determined
<b>Drop point:</b>	188 °C (IP 396)
<b>Flash point:</b>	>150 °C
<b>Ignition temperature:</b>	350 °C
<b>Four ball wear:</b>	2400 – 2600 N DIN 51350-4
<b>Four ball weld:</b>	0.48 mm DIN 51350-5 (D)
<b>Water separation/demulsifying:</b>	Practically resistant (5hrs /+90 °C), DIN 51087-1
<b>Additives/thickener:</b>	Lithium thickener
<b>Application temperature:</b>	10 to 35 °C
<b>Copper corrosion:</b>	Not determined
<b>Corrosion:</b>	1B (DIN 51 811)
<b>Dielectric strength:</b>	Not applicable
<b>Volume resistivity:</b>	Not determined



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