

GRAPAG COMPOUND 00

Product code: 265000201

Special compound for high temperature lubrication

This product is a synthetic product for the lubrication of open gears and heavily loaded sliding surfaces operating at elevated temperatures. This product has been formulated by blending fine particle graphite into a synthetic fluid with an advanced non-soap, non-clay, non-abrasive thickening system. The product has a broad operating temperature range. At elevated temperatures (over 200 °C), the synthetic base fluid will evaporate without carbonising and leave a dry lubricating film of graphite. This dry film will naturally adhere to metal components and provide excellent lubrication even under the most severe conditions.

Designed for lubrication of open gears at high temperatures, applications include: kiln cars, furnace doors, drying tunnels, steel rolling mills, "hot" gears in brick-works and paper mills. The product can also be used as an assembly and running compound.

Benefits & Advantages

- Operating temperature range
- Non-carbonising base oil
- No hardening of thickener at high temperatures
- Non-melting
- Very high load carrying capacity

Typical Performance Data

Typical	Test Method	Value
Colour		Black
Thickener		Silica
Base oil type		PAG
Base oil viscosity @ 40 °C, cSt		680
Solids type		Graphite
Solids content, %		10
NLGI consistency		00
Worked penetration 60W		400-430
4-ball weld load		>600kg
Drop point, °C		None
Base oil		Fully synthetic
Appearance		Smooth
Operating temperature range, °C		-30 – 600

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