



Grpag Compound

Special compound for high temperature lubrication

Description

Grpag Compound 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.

Applications

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

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

Typical performance data

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Colour	Black	Black
Thickener	Silica	Silica
Base oil type	PAG	PAG
Base oil viscosity @ 40 °C, cSt	680	680
Solids type	Graphite	Graphite
Solids content, %	10	10
NLGI consistency	00	2
Worked penetration 60W	400-430	265-295
Drop point, °C	None	None
Base oil	Fully synthetic	Fully synthetic
Appearance	Smooth	Smooth
Operating temperature range, °C	-30 – 600	-30 – 600

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