

C4095 KILN CAR LUBRICATING GREASE

Applications:

C4095 is a high temperature kiln car lubricating grease. The thickened synthetic fluid carries a high purity, high performance graphite to the bearing surface. When applied at temperatures above 149°C to 163°C (300°F to 325°F), the fluid evaporates and leaves a high grade graphite to lubricate the bearing surface. Application at temperatures below 149°C (300°F) is not recommended because the carrier fluid will thicken rather than evaporate, thereby causing drag on the bearing and eventual carbonization leading to bearing failure.

C4095 is a manageable, convenient-to-use, and ready-to-use form of graphite solids lubrications. The lubricating properties of graphite are well known because it is unaffected by temperature up to 538°C (1000°F).

Since the quantity of graphite in C4095 is relatively high, lubrication with a minimum of product is recommended to prevent the excessive accumulation of solids. In addition, contact with any petroleum derived product is to be avoided because the petroleum or mineral oil based material will carbonize and glue the graphite particles into a tenacious mass with poor lubricating properties.

Typical Industrial Applications:

- Oven conveyor bearings
- Kiln car wheel bearings

Performance Benefits:

- Inorganic thickener
- Non-residue carrier fluid
- High performance graphite
- No gum at high temperature
- Minimum solids accumulation
- Lubrication up to 538°C (1000°F)

TYPICAL PROPERTIES	TEST METHOD	C4095
NLGI Grade	---	1
Penetration Worked	ASTM D217	310-340
Dropping Point, °F	ASTM D2265	>500
Water Wash Out, % Loss	---	Nil
Thickener	---	Inorganic
Base Oil Viscosity @ 40°C, cSt	ASTM D445	32.0
Base Oil Viscosity @ 100°C, cSt	ASTM D445	5.4
Lubricating Solids Type		Graphite
Color		Black

HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com

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