

Product Data Sheet

Product Description

Hi Temp Lube 242 is a unique blend of graphite, oil and additives that forms a heavy bodied, liquid lubricant for indurating furnace grate systems.

Hi Temp Lube 242 is formulated to spread evenly to give a consistent lubricant film that carries for long distances from the application point.

Hi Temp Lube 242 leaves a continuous ribbon of graphite impregnated oil on the contact surfaces of the grate side plates. The oil dissipates and a specially designed carrier system built into the lubricant moves the graphite the length of the grate. During this process the graphite remains in suspension and does not run off the surface.

Particle size is selected to offer the greatest coverage and still remain in suspension of the oil during the lubricating process of the castings when they come in contact with side bars under conditions of high temperatures and contamination.

Features & Benefits

- Designed to evaporate and leave the graphite on the wear surfaces of the grates
- Outperforms all conventional greases by delivering reduced wear on seal bar and side plates
- Lower lube consumption rates compared to conventional greases used in this application
- Lube injectors life are greatly extended due to reduced lube application rates
- No grease spillage and grease fires leading to better housekeeping and safety
- Excellent resistance to thermal degradation
- Reduced motor drawn amperage
- Excellent pumpability
- Reduced lubricant disposal cost

Product Application

- Indurating furnace-seal bar and side plates
- Used in all leading OEM indurating furnaces-Lurgi, Dravo, Metso, AC
- **Hi Temp Lube 242** will undergo a "soft" settling overtime that can easily be brought into suspension with slight agitation. We recommend the use of an air lance or mechanical agitator.

Notes: If you require further information, contact Petron at: info@petroncorp.com

Hi Temp Lube 242

Seal bar and side plate lubrication

Property	Method	Typical Data
Color	Visual	Black
Finished Viscosity, mm ² /s @ 40°C	ASTM D445	3,000
Brookfield Viscosity, mPa.s @ 22.2°C	PTM-114	15,000
Flash Point	ASTM D92 (C.O.C.)	>350°F (>177°C)
Specific Gravity	ASTM D1298	1.0
Solids Content, % minimum		12

Testing listed is typical, no warranty is expressed or implied regarding results obtained from use. Information contained on this Product Data Sheet is subject to change without notification. Seller shall not be liable for any loss or damage.