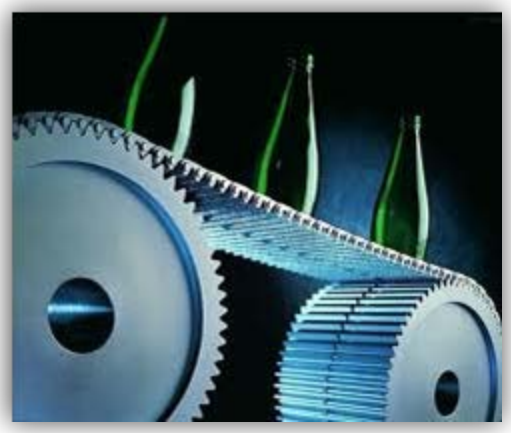
GAZ -LI12 Synthetic High Temperature Chain Lubricant



Product Description:

GAZ-LI12 is a superior quality lubricant intended for the lubrication of conveyor chains in high temperature applications. It is formulated from synthetic high molecular weight hydrocarbons and an ester-based fluid and additives to provide outstanding resistance to oxidation and protection against wear. Compared with mineral oil and solid-type chain lubricants. **GAZ-LI12** reduces coke formation and extends intervals between chain cleaning. There is low evaporation loss and the product does not produce or emit.

Benefits:

- Extended intervals between chain cleaning due to negligible deposit formation at high temperatures and improved cleanness.
- Significantly reduced wear of chain, pinion, bearings and other components such as gears and slide-ways
- Superior lubrication and improved chain mobility leading to reduced power consumption.
- Fewer stoppages for repairs and component changes leading to lower maintenance and labor costs
- Lower lubricant consumption
- Increased productivity
- Improved operational safety

Application:

GAZ-LI12 is recommended for the lubrication of hot conveyor chains in drying ovens and tenter frames, particle board, glass and mineral wool production lines and other high temperature applications. The Chain temperature should not exceed 230 □ C.

GAZ-LI12 can be fed automatically to the chain by nozzle pipes or it can be applied by hand using a brush. Before changing to **GAZ-LI12**, the chain should be cleaned since deposits from the previous lubricant could prevent proper lubrication. Application nozzles should be avoided since this can lead to deposit formation and wastage of lubricant.

Meets The Requirements of:

* DIN 51506 VDL specifications
Suitable for following type of compressors: (1) Screw Compressor; (2) Piston and
* Reciprocating Compressor; (3) Vacuum Pump Compressor; (4) Airman; and (5) Other Japanese Brand Compressor.

Typical Specification:

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Viscosity	ASTM D 445	
cSt at 40 ° C		190
cSt at 100 ° C		21
Viscosity Index	ASTM D 2270	132
Specific Gravity	ASTM D 1298	0.930
Flash Point, ° C	ASTM D 92	350
Pour Point, ° C	ASTM D 97	-46
FZG Gear Test	ASTM D 665	8
Failure Stage		3.5
Color	ASTM D 1500	