

Archine Synfluid LDPE-320 & Archine Synfluid LDPE-320L
HP-LDPE Compressor Lubricants**Product Description**

Archine Synfluid LDPE-320 & Archine Synfluid LDPE-320L have been especially designed to provide the utmost in performance and reliability in the tough service experienced in reciprocating hyper-compressors and intensifiers used in the high-pressure/low-density polyethylene (HP-LDPE) process. These high-performance synthetic PAG lubricants are made from a specially selected polyalkylene glycol-base stock polymer to provide exceptional lubricity and other performance features. A dedicated production facility ensures consistent, high-purity product, and the product is acceptable under this regulation for use as a lubricant for machinery for producing, manufacturing, packing, processing, preparing, treating, packaging, transporting. **Archine Synfluid LDPE** series Compressor Lubricants LDPE-320L is identical in every specification to LDPE-320, but LDPE-320 has a higher content of antioxidant. In most cases, the products will perform equally well.

Special Features

- Cleanliness: no sludge, varnish, lacquer, etc., formed.
- High viscosity index.
- No thickeners added to boost viscosity.
- Low pressure-viscosity coefficient.
- Excellent inherent lubricity without use of external lubricity additives.
- Oxidative and thermal stability.

Performance Benefits

- Reduced maintenance and substantial maintenance dollar savings resulting from clean-running equipment.
- Increased equipment reliability, allowing scheduled maintenance at predictable intervals. Helps cut down lost production due to unscheduled, random maintenance shut-downs.
- Compressor packings run cooler and longer due to superior lubricity of **Archine Synfluid LDPE-320 & Archine Synfluid LDPE-320L** Compressor Lubricants, an inherent property of the base polyalkylene glycol (PAG). There is no need for lubricity additives that are necessary with competitive white oil and polybutene products. Eliminates worries about potential negative effects of lubricity additives on the

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polyethylene product.

- **Archine Synfluid LDPE-320 & Archine Synfluid LDPE-320L** Compressor Lubricants contain no polyisobutylene or other thickeners that could drop out and cause deposits on discharge valves. Valves run cleaner and require less maintenance.
- Cost-effective lubricant for high-pressure ethylene compressors.
- Low pressure-viscosity co-efficient reduces the lubricator pump pressure necessary to deliver lubricant to the cylinder.

Typical Physical Properties

	Archine Synfluid LDPE-320	Archine Synfluid LDPE-320L
Viscosity cSt, 40°C	273	273
Viscosity Index	210	210
Pour Point°C	-7	-7
Flash Point°C	207	207
Specific Gravity, 20/20°C	1.085	1.085
Composition	PAG	PAG

Changeover Procedure

Anytime a lubricant change is made, care should be taken to assure that the system is properly prepared according to good operating standards. At a minimum, we recommend that old lubricant be drained from the lubricator pumps, the system cleaned, any seals and elastomers inspected, and filters replaced or screens cleaned before the ARCHINE Synfluid LDPE 320 and LDPE 320L Compressor Lubricant is installed. System cleaning may be necessitated by the build-up of sludge and/or varnish in old systems. Physical wiping or flushing with ARCHINE Synfluid LDPE 320 and LDPE 320L Compressor Lubricant may be required if residual contamination is expected. New units require the removal of preservative or coating fluids in similar fashion. After installing the ARCHINE Synfluid LDPE 320L and LDPE 320L Compressor Lubricant, adjust lubricators to deliver the manufacturer's recommended rate of lubricant. Check filters or screens frequently during the early stages of operation since ARCHINE Synfluid LDPE 320 and LDPE 320L Compressor Lubricants will likely loosen residual sludge, varnish, and paint.

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Related Key Words :

Synthetic Hydrocarbon Gas Compressor Oil , ArChine Synfluid LDPE-320 , 20000-40000 Oil life , Synthetic Polyalkylene Glycol (PAG) base Compressor Lubricants , HP-LDPE Gas Compressor Lubricant , Pressure up to 3500 bars , ArChine Synfluid LDPE-320L , High Pressure Low Density Polyethylene Gas Compressor Oil , ArChine Syntrend CL 1400SP , copolymer of ethylene with other monomers , vinyl acetate monmer , VAM up to 15% , much less soluble in ethylene than the formulation of PIB/ White oil , WITCO , Polyisobutene and white Oil , ArChine HP-LDPE Gas Compressor Lubricant , High speed Reciprocating Hyper Compressor , Extremely high pressure compression process , Autoclave and Tubular plant , Hyper Compressor , booster , ArChine Syntrend CL 1400 , Synthetic PAG base LDPE Gas compressor Lubricant , Extremely high pressure booster , ArChine Syntrend CL 1400SP , copolymer of ethylene with other monomers , vinyl acetate monmer , VAM up to 15% , PAG base Synthetic Hydrocarbon Gas Compressor Oil , ArChine Syntrend CL 1300 , Low Winter Temperature , Sulzer Burckhardt HP-LDPE Compressor Oil , ArChine Syntrend CL 1400L , Nuovo Pignone Hyper Compressor Lubricant , Ingersoll-Rand HP-LDPE Compressor , UCON Compressor Lubricants PE-320 , IR , High Pressure Low Density Polyethylene Gas Compressor Lubricants & oil , UCON Compressor Lubricants PE-320L , high speed Reciprocating hyper compressor , Extremely high pressure and high speed reciprocating compressor and booster , Breox CL 1400 , Dresser-Rand and Clark , Breox CL 1400L , HP-LDPE compressor Oil , Breox CL 1400SP , Synthetic Compressor Lubricants , copolymer of ethylene with other monomers , vinyl acetate monomer , Piston type com[pressor , HITACH HP-LDPE compressor Lubricant , Breox CL 1300 , ethylene Gas Compressor oil , Witco PIB/White oil formulation , Polyisobutene and white oil formulation , WITCO , HP-LDPE compressor lubricant , Extremely high pressure compression process ,

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