
Synthec-717-Pump & 717-PumpLT

Synthetic Ammonia Liquid Transfer Pump Lubricant

Synthec-717-Pump and 717-PumpLT are formulated specifically for liquid ammonia transfer pumps. Synthec-717-Pump and 717-PumpLT optimize low solubility in ammonia with excellent resistance to emulsification, superior lubricity and low-temperature fluidity.

ATTRIBUTES

- Excellent low-temperature fluidity to protect seals
- Very high viscosity index for superior pumpability at lower temperatures and better protection at high temperatures
- Excellent thermal and oxidative stability, leading to longer fluid life and extended oil-drain intervals
- Increased protection against rust, corrosion, carbon and varnish
- Non-toxic/non-hazardous
- Excellent film strength and anti-wear properties for better protection of compressor parts
- Very high flash points and auto-ignition points for added safety

TYPICAL PROPERTIES

| Lubrication Properties | Synthec-717- Pump | Synthec-717- PumpLT |
|------------------------------|----------------------|------------------------|
| Viscosity Index | 121 | 119 |
| Viscosity cSt @40°C | 30.1 | 14.2 |
| Viscosity cSt @100°C | 5.5 | 3.5 |
| Flash Point °F | 429 | 382 |
| Auto-Ignition Point °F | 662 | 615 |
| Pour Point °F | -55 | -70 |
| Copper Corrosion, 24 Hr | 1a | 1a |
| Demulsibility, 130°F, 30 min | 40/40/0 | 40/40/0 |
| Color | <.5 | <.5 |