

The Facts

Moly Pure Synthetic Grease (#197) is a multi-purpose, extreme pressure, wide temperature range grease that is specially formulated for use in all types of heavy duty equipment that is being used under the most adverse conditions of excessive pressure, high stock loading, extreme hot or cold temperatures and moisture.

Moly Pure Synthetic Grease is compounded from the highest quality polyalphaolefin (PAO) synthetic base oils available. Blended into these polyalphaolefin base oils is a bentone base thickener and selected additives. This formulation provides Moly Pure Synthetic Grease with the following outstanding performance features:

1. **A wide temperature application range of –50 °F to +500 °F.**
2. **Extended bearing life, even at elevated temperatures and speeds.**
3. **Excellent low temperature pumpability characteristics at temperatures as low as -50 °F.**
4. **Exceptional rust and oxidation inhibiting characteristics.**
5. **Excellent resistance to water washout.**
6. **Excellent anti-wear and extreme pressure load carrying properties.**
7. **Excellent mechanical and thermal stability.**
8. **Excellent shear stability.**

Further blended into this blend of polyalphaolefin base oils, bentone thickener and selected additives is a molybdenum disulfide that gives Moly Pure Synthetic Grease the ability to act as a “backstop” lubricant. This “backstop” is created by the molybdenum disulfide’s natural affinity for metal surfaces whereby it plates to the metal surface to form a long lasting solid lubricant film. This solid lubricant film withstands pressures up to 500, 000 pounds per square inch, giving the metal surfaces of the bearing the protection they need during periods of high speed, high shock loads and extreme pressure.

The moly’s solid lubricant film also helps to reduce friction. This reduction in friction results in reduced wear and a reduction in contact area temperature. This results in increased working life of the grease, equipment life, less downtime and extended lubrication cycles.

Moly Pure Synthetic Grease is compatible with all types of seal materials, but is not compatible with soap base greases.

Packaging:

#197 Moly Pure Synthetic Grease is available in (net weights):

- 420 lb. drums
- 120 lb. kegs
- 40 lb. pails
- 50 tubes (per case)