

Signature® HT Grease

Product Data Sheet



Product Description and Benefits:

Signature® HT Grease is a Lithium-complex base grease formulated with highly refined base oil and specialty additives to meet severe requirements of machinery. The appearance is smooth, somewhat tacky, slightly stringy and red in color. This grease is capable of operations from 0°F to 350°F, but has a dropping point of more than 500°F.

Product Features:

- Excellent mechanical stability
- Good oxidation and corrosion protection
- Outstanding extreme pressure protection
- Superior water resistance

Customer Benefits:

- Resists thinning or hardening in bearings, minimizing leakage and maintaining extended life service
- Specialty additives system minimizes chemical deterioration over extended periods of storage and service.
- Protects steel and copper alloy bearings against rust and corrosion
- Provides effective wear protection for ball joints, drive shafts and other parts subjected to high pressure and shock loading.
- Offers excellent low temperature pumpability and high temperature protection
- Effectively resists washout and excessive dilution by water, assuring all-weather lubrication

Applications:

In general, this grease is recommended for extended service in heavy-duty automotive, trucks, buses, farm tractors, construction equipment, high temp wheel bearings (disc brakes), roller & ball bearings, electric motor bearings, throw-out bearings, universal joints, chassis, fifth wheel and other applications. This grease is suitable for medium size high speed bearings. It is a robust multi-purpose grease for a wide range of applications.

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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Typical Properties:

Product Number	SNGHTEP2..BX	Test Method
Color	Red	Visual
Texture	Smooth, Tacky	Visual
NLGI Grade	2	ASTM D 217
Worked Penetration	310-340	ASTM D 217
Change in Pen after 100,000 strokes	30 max	
Drop Point, 0 F	450 Min	ASTM D 2265
Viscosity @ 40 C, cSt	224	ASTM D 445
Viscosity @ 100 C, cSt	17.4	
Viscosity @ 100 F, SUS	1194	
Viscosity @ 210 F, SUS	89.9	
Type of thickener	Lithium-complex	-
Weld load, kg	315	ASTM D 2596
Timken OK load, lbs.	60	ASTM D 2509
Water Spray off, % wt.	-	ASTM D 4049
Rust Test	Pass	ASTM D-1743

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use chemical resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. www.signaturelubricants.com or call 1-800-727-7920.

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