

S-OIL GREASE HT

Lithium Complex Wheel Bearing Grease

Applications

- S-OIL GREASE HT is a premium high-speed, thermal-resistant grease formulated for automotive wheel bearings, using lithium complex-based thickener, refined mineral oil, and various additives.
- For automotive (passenger/commercial vehicles) wheel bearings.
- For high-temperature, high-speed bearing lubrication of general industrial machinery.

Advantages

- Excellent lubrication performance at high temperatures for thermal resistance and mechanical stability of the lithium complex thickener, avoiding ejection or loss of consistency when used in high-speed wheel bearings for a long time.
- Excellent water resistance, resulting in less water washout in conditions where frequent contact with moisture is expected.
- Excellent resistance against wear and load, minimizing the bearing wear under high load thus guaranteeing lubrication for a long time.
- Compatible with synthetic resins, preventing damage to synthetic resin-based sealing materials even under long-term contact with it.

Specifications

- ISO 6743-9: L-XCGB 2
- DIN 51 502: KP2S-30

Characteristics

Test Items	Method	Unit	No.2	No.3
NLGI grade	ASTM D-217		2	3
TEXTURE			Smooth/Buttery	Smooth/Buttery
Color	ASTM D-1500		Amber	Amber
Operating Temperature		℃	-30~200	-30~200
Penetration, 25℃	ASTM D-217	0.1mm	280	235
4-Ball Weld Load	ASTM D-2596	kgf	>250	>250
Dropping point	IP 396/DIN ISO 2176	℃	265	260

* Typical characteristics are shown as reference only.

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As even a high-quality oil selected for a particular application cannot work at full performance unless the machinery and/or applicable lubricant are properly maintained, all potential problems can be prevented in advance if lubricants are regularly analyzed.