

Mobilith SHC™ Series

Synthetic multipurpose greases



Energy lives here

Key benefits



Long relubrication intervals help minimize downtime and maintenance costs



Exceptional protection, even in extreme conditions, helps limit maintenance



Help promote long equipment life through resistance to rust, corrosion and wear

Engineered to meet or exceed the demands of severe applications at extreme temperatures, Mobilith SHC™ Series greases help provide:

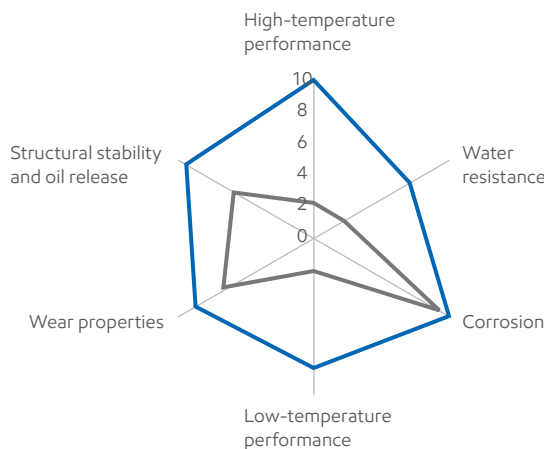
- Easy startup down to -40°C (-40°F) and excellent protection up to 150°C (302°F)
- Powerful protection in hostile aqueous environments
- Potential to limit energy consumption and enhance mechanical life

370+ builders

approve or endorse
Mobilith SHC Series greases

Maximum performance

Mobilith SHC Series greases show significantly higher performance compared with a conventional mineral oil-based grease.

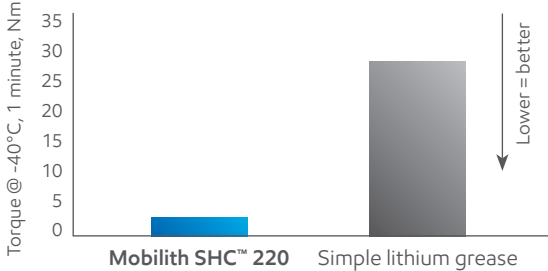


- Mobilith SHC™ 220
- Simple lithium grease

Mobilith SHC™ Series

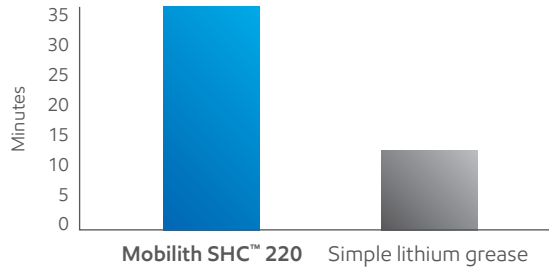
Low-temperature performance

In ASTM D1478 testing, Mobilith SHC™ 220 grease demonstrates significantly lower torque than ISO 220 simple lithium mineral oil grease. Lower torque means easier startups at low temperatures.



Oxidation resistance

In laboratory tests, Mobilith SHC 220 grease demonstrates more than three times the oxidation resistance as a simple lithium mineral oil grease. Oxidation resistance contributes to long lubricant life and helps minimize varnish and sludge deposits.



Typical properties*

	DIN 51825	Color	NLGI Grade	Viscosity Grade	Operation Temperature		Mechanical Performance		General Applications
					Minimum†	Maximum	Load	Speed	
Mobilith SHC 100	KPHC2N-40	Red	2	100	-40	150			Electric motor bearings
Mobilith SHC 220	KPHC2N-30	Red	2	220	-30	150			Multiservice industrial and automotive applications
Mobilith SHC 221	-----	Light Tan	1	220	-40	150			Multiservice industrial and automotive applications in centralized grease systems
Mobilith SHC 460	KPHC1-2N-40	Red	1.5	460	-40	150			Multiservice heavy-duty industrial applications
Mobilith SHC 007	GPHC00K-30‡	Red	00	460	-50	150			Enclosed gearboxes
Mobilith SHC 1500	KPHC1-2N-30	Red	1.5	1500	-30	150			Very heavy-duty industrial applications
Mobilith SHC 1000 Special	KPFHC2N-30	Gray/Black	2	1000	-30	150			Contains solid lubricants supporting very low-speed, heavily loaded bearings operating in extreme heavy-duty boundary conditions

Industrial Lubricants



Advancing Productivity™

Safety

Long grease and equipment life, as well as optimum wear protection, can help minimize maintenance and the safety risks associated with employee-equipment interaction.

Environmental Care[§]

Long grease life can help minimize the need for product and packaging disposal. Low traction coefficient potentially can help minimize energy consumption.

Productivity

Minimized maintenance downtime for relubrication and equipment repair can help enhance operational productivity.

*Typical properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit exxonmobil.com. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

†Low-temperature claims based on ASTM D1478 results vs. maximum limits of 10,000/1000 gcm at startup and 1 hour, respectively.

‡Per DIN 51826.

§Visit mobilindustrial.com to learn how certain Mobil-branded lubricants may provide benefits to help minimize environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

© 2015 Exxon Mobil Corporation. All rights reserved.

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its affiliates unless otherwise noted.