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Coding Information

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Title: S13 & T14 Requirements for Engine and Transmission Silicones, Thread Lockers, Lubes, and Sealants

Applies To: MY2023, MY2024, MY2025, MY2026 LT, RH, HVHD, HX w/ S13 Engine, T14 Transmission

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

03/24/2026 - Updated Loctite to include "graphite"
04/29/2025 - Initial Article Release

DESCRIPTION

This document will provide information regarding certain approved S13 and T14 chemicals.

SERVICE PARTS INFORMATION

The S13 Powertrain has been tested and validated with the following silicones, thread lockers, lubricants, sealants (chemicals), and are the recommended chemicals to use to maintain performance and longevity of the powertrain.

Always reference the service manual for your powertrain and chassis.

None of the chemicals are stocked in international PDC's; there may be a direct or drop ship source (SOS code dependent), or you must locate a local supplier.

Component Fluid	Part number	Notes	Supplier
Omnifit 200 m	104007N1		Exdron / Sichel/Loctite
Molykote em30-l	104603N1		Dow Corning
Dowsil 7091	DOW7091KK		Dow Corning
Dowsil 732	104313N1	Black version	Dow Corning
Renolit mp735	104008N1	Engine bearing lube	Fuchs
Loctite 270	104513N1	271 is not an acceptable equivalent.	Henkels/Loctite
Polylub gly151	104161N1		kluber

Gray Engine Paint	n/a	high temp, fuel safe, fast drying.	Use local source
Loctite Graphite 50	Loc23244KK	Aftertreatment lubricant	Loctite
Sealant to metal surface cleaner	na	Alcohol based cleaning agent	Use local Source
Engine oil		Fa-4 ck-4	
Loctite 128467	110680N1		Loctite
metallstick	104330N1		Scan-tech
Gadus s3 v220c 2	105208N1	Retinax lx2, Albida grease ep 2	Shell
Vaselin WB 10 360550060	106600N1		Castrol

Always handle and use chemicals from clean containers. Do not use containers that previously contained other types of chemicals, fluids, oils, coolants, or solutions. It is recommended to use containers that the fluids were shipped in and not to reuse containers. Reseal containers after use.

Certain chemicals have limited shelf lives; you must use them within that shelf-life window.

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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