



The First in Synthetics®

Industrial Synthetic Lubricants

PRODUCT DESCRIPTION

AMSOIL Synthetic GVC is a lithium complex thickened grease blended with premium ISO-320 synthetic base oils. This grease is fully compounded with additives providing EP protection, oxidation resistance and rust and corrosion protection. AMSOIL GVC is shear stable, maintaining its viscosity and consistency in the presence of mechanical activity, and GVC stays in place by resisting water washout. During high-temperature operation, GVC's thickener system remains intact and the high viscosity base oils resist thermal breakdown and provide a thick film of lubricant for good boundary lubrication. AMSOIL GVC adheres to critical components in severe conditions and provides problem-free operation, resulting in increased uptime and reduced repair and maintenance costs.

APPLICATION

AMSOIL GVC is excellent for use in heavy duty industrial and off road applications where equipment is working under adverse conditions such as exposure to environmental elements, slow, heavily-loaded applications and shock-loading conditions. Use GVC in wet applications requiring excellent water resistance and in high temperature applications up to 350°F continuous service and 400°F intermittent service. The lithium complex thickener system and high viscosity base oil provide top performance in hostile environments and heavy duty industrial or off road applications where typical multipurpose greases may not perform up to standards.

AMSOIL GVC Lithium Complex Grease is compatible with many other types of greases. However, it is recommended that when changing greases the equipment be cleaned of the old grease when possible or flushed with a liberal amount of the new grease while the mechanism is in operation. Closely monitor the system for any inconsistencies. Any grease compatibility questions should be referred to your AMSOIL representative or AMSOIL Industrial for assistance.

SYNTHETIC GVC LITHIUM COMPLEX HIGH VISCOSITY GREASE

- NLGI #2

APPLICATION MAINTENANCE

Maintaining a clean work environment is important when equipment greasing is performed. Wipe grease fittings clean prior to injecting grease to prevent contaminant ingestion. Maintain bearing housings one-third to one-half full of grease. Prevent over-greasing as excessive heat buildup can result. Supplement standard grease maintenance by periodically cleaning and packing housings with fresh grease on an established maintenance schedule.

PERFORMANCE FEATURES

- High dropping point (exceeds 500°F)
- EP additives and high-viscosity base oil for boundary lubrication protection
- Resists thermal and oxidation degradation
- Resists water washout

AMSOIL PRODUCT AVAILABILITY

AMSOIL GVC Grease is available in 14-oz. cartridges, 35-lb. pails, 120-lb. kegs and 400-lb. drums.

AMSOIL Industrial Lubricants are stocked in Superior, Wisconsin and in select regional distribution centers throughout the United States and Canada. AMSOIL will stock additional quantities of lubricants or special order products based on customer requests and regional demands.

TYPICAL TECHNICAL PROPERTIES

GVC Lithium Complex High Viscosity Grease

NLGI Grade	2
Thickener, type	Lithium Complex
Thickener, percent	6-9
Penetration, worked—ASTM D-217	265-295
Dropping point, °C—ASTM D-2265	274°C
Rust—ASTM D-1743	Pass
Timken #OK Load—ASTM D-2509	60
Four-Ball Extreme Pressure Weld Load, kg	315
Water Washout ASTM D-1264 @ 80°C	2.4%

Base Oil:	
Viscosity (40°C, cSt)	300-340
Viscosity (100°C, cSt)	24.9-28.3
Flash Point, °C—ASTM D-92	249°C
Fire Point, °C—ASTM D-97	277°C
Texture	Smooth
Color	Amber/Brown
Copper Corrosion—ASTM D-4048	1B
Oil Separation (percent wt. loss)—ASTM D-1742	2 max.

*For applications and recommendations, contact your local
AMSOIL industrial sales representative or AMSOIL INC.*

