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DATA BULLETIN

The First in Synthetics®

Arctic Synthetic Grease

AMSOIL Arctic Synthetic Grease provides extreme low-temperature pumpability and superior protection for equipment operating in harsh climates where temperatures drop well below freezing, ensuring superior load and wear protection where conventional greases are ineffective.



Performance Features

- Outstanding cold-temperature pumpability
- Excellent mechanical stability
- Superior protection against wear and corrosion
- Long service life
- Withstands high loads and pressures

Application Recommendation

AMSOIL Arctic Synthetic Grease is recommended for industrial machinery, heavy-duty automotive and industrial equipment, chassis, bearings, off-road and heavy equipment operating in arctic climates.

Compatibility

AMSOIL Arctic Synthetic 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 Arctic Synthetic Grease while the mechanism is in operation. Closely monitor the system for any inconsistencies. Grease compatibility questions should be referred to your AMSOIL representative or AMSOIL INC.

Order by Phone 1-800-956-5695 - Give Operator Reference #5983322

Typical Technical Properties – Arctic Synthetic Grease (GEC)

Thickener	calcium sulfonate complex
NLGI consistency grade	1
Penetration [25°C (77°F), 0.1 mm] worked 60 strokes (ASTM D217)	310 – 340
Operating Range, °F (°C)	-75 to 315 (-59 to 157)
Four-ball wear test, mm scar (ASTM D2266)	.0.51
Four-ball EP, kgf (ASTM D2596)	
Weld point	400
Load wear index	56
Timken OK load test, lbs. (ASTM D2509)	60
Low-temperature torque, N•m (ASTM D4693)	
(-40°C [-40°F]) (Starting, Running torque)	1.28, 0.58
LT-37 US Steel Mobility @ 0°F (g/min)	156.5
US Steel Mobility @ -20°F (g/min)	.81.5
Dropping Point, °F (°C) (ASTM D2265)	550 (288)
Rust and corrosion (ASTM D1743)	pass
Oil viscosity, 40°C (104°F), cSt (ASTM D445)	22.30
Viscosity Index (ASTM D2270)	125
Color	tan
Texture	smooth

AMSOIL PRODUCT AVAILABILITY

AMSOIL Arctic Synthetic Grease is available in 15-ounce cartridges.

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

HEALTH AND SAFETY

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.**

AMSOIL The First in Synthetics®

AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.

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