



*"The First in Synthetics"®*

## **Industrial Synthetic Lubricants**

# **SYNTHETIC OGC OPEN GEAR COMPOUND**

NLGI #1 • AGMA 14R

### **PRODUCT DESCRIPTION**

AMSOIL Synthetic Open Gear and Wire Rope Compound (OGC) is based on proprietary technology resulting in a lubricant that does not use asphaltic materials, residual compounded oils or solvents as diluents. OGC is a heavy lubricant and protectant formulated with a very thick synthetic base oil and silica thickeners. OGC is tacky, providing excellent adhesion to surfaces, resistance to water washout and protection against rust and corrosion.

OGC's high viscosity base oil has excellent film strength for slow-moving, high-load applications. This product protects equipment operating under boundary lubrication conditions and in hostile environments. OGC clings tenaciously in conditions where conventional asphaltic gear compounds fall short. OGC's affinity for metal surfaces and adhesion properties allow it to stick to dirty or otherwise poorly prepared surfaces. OGC does not flake off in cold temperatures or drip and run off in high temperatures. OGC stays in place when subjected to water and in many cases will reduce relubrication frequencies.

### **PERFORMANCE FEATURES**

- Excellent resistance to water washout
- Environmentally preferable to solvent-cut products
- Protects ferrous surfaces from rust
- Excellent adhesion to metal surfaces
- Forms a tacky, tenacious film
- Stays pliable at cold temperatures and does not flake off surfaces

### **APPLICATION RECOMMENDATION**

AMSOIL OGC may be applied by automatic dispensing equipment, hand brushing/swabbing or caulking. OGC is ideal for use on exposed heavy equipment and machinery components such as mining and dredging bull gears and dipper sticks, outside surfaces of wire ropes, power shovels, chains, flexible couplings, slow-moving bearing surfaces, and fifth wheel applications. OGC meets AGMA 14R and is recommended for applications identifying this specification.

Apply an adequate amount of OGC, ensuring good lubrication and thorough coverage of all mating surfaces. Relubrication intervals are based on environmental conditions and use. Manufacturers' recommendations and observations of surface conditions will help establish correct amounts and lubrication intervals.

### **AMSOIL PRODUCT WARRANTY**

AMSOIL Industrial Lubricants are formulated to meet or exceed accepted industry specifications. AMSOIL warrants that the use of its lubricants will not cause mechanical damage to any mechanically sound equipment when AMSOIL products are used in full compliance with the company's recommendations. However, the purchaser of these lubricants is responsible for determining if these specifications are adequate and proper for the intended application. The AMSOIL warranty is limited to lubricant performance consistent with indicated specifications. No additional warranty, expressed or implied, can be made.

### **AMSOIL PRODUCT AVAILABILITY**

AMSOIL Synthetic OGC is available in 11-oz. cartridges and 35-lb. lugs.

AMSOIL 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

## Synthetic OGC Open Gear Compound

NLGI Grade .....	.1
Penetration, unworked .....	.315-325
Thickener, type .....	.silica
AGMA .....	.14R
Water Washout — ASTM D-1264 (79°C (175°F), % loss) .....	<5
Rust Test — ASTM D-1743 .....	.pass
Oil Viscosity	
212°F, sus .....	.2700-3100
100°C, cSt .....	.579-665
Dropping Point, °F .....	.none
Color .....	.black
Texture .....	.adhesive/tacky
Odor .....	.bland

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

