

**Product Description:**

Superflake Hot Oven Chain (HOC) Lubricant is designed with a unique, natural graphite powder that offers superior lubricity, even under extreme conditions. The emulsion effectively carries the graphite to the chain pins and bushings. The unique binder system used in HOC creates a very effective bond of graphite, the main lubricant, to the chain parts and linkages. The unique particle distribution allows graphite particles to penetrate very tight spaces, unlike other competitive products on the market.



**Product Characteristics:**

Physical Properties	Typical Range
Carrier:	Water-Based
Color:	Grey/Black
Fluid Consistency	Thin
Measured Viscosity; cps	<50 Cps
Bulk Density, LB/Gallon	7.5-8.0
Flash Point,	N/A
Average Application Coverage, ft <sup>2</sup> /gallon	250-300
Effective Temperature Range, (Minimum)	212°F (100.0°C)
Effective Temperature Range, (Maximum)	450°F (232.2°C)
Suggested Application Ambient Temperature Range	250 - 425°F (121.1 . 218.3°C)
Suggested Dilution Ratio	Not Recommended
Suggested Dilutant/Cleaner:	Water
Shelf Life under original seal	12 Months

**Advantages:**

- Dry film technology; dries quickly on hot surfaces
- Creates an even, slick, smooth, non-stick surface . ideal for build-up areas
- Not affected by temperature extremes when properly applied and dry
- Will not attract or trap dirt or grit, reducing wear and extending operating life
- Graphite is a natural, environmentally safe mineral lubricant
- Water-based formulation will not smoke, create an odor or catch fire
- Can be applied while oven is in operation

### Preparation & Application:

- **Stir material prior to use.** It is important to properly stir the material with a hand stir stick or paint mixer. It is normal for the material to settle during transportation, but the unique graphite powder utilized will quickly and easily go into suspension.
- **Prepare your surface.** The most important part of the coating process is proper surface preparation. Remove any loose debris, rust or grit prior to coating, if possible.
- **Wear proper painting equipment.** It is important to follow all appropriate OSHA safety standards and wear a mask and protective clothing, as needed.
- **Apply with exhaust blowers running.** It is important when spraying this product that exhaust blowers and fans be operating to prevent build up of dust in the area.
- **Apply by roller, brush, or airless spray equipment.** Apply material as you would for any normal paint job. When applied by air or airless spray equipment, the wet film thickness should be 2 to 4 mm. When applied by a brush or roller, the wet film thickness should be 2 to 5 mm.
- **Surface temperature should be above 250°F (121.1°C).** Application of this product to cold surfaces (<200°F) is not recommended, as this will affect the bonding performance of the product. When dry, the dry film coating will not be affected by temperature extremes.

### Clean-Up Instructions:

- **Clean up material with soap and water.** Material, once dry, will be very difficult to remove from painting equipment. If removal is required after coating has dried, use of paint thinner, VM&P Naphtha, or similar solvent-based cleaner is advised. Note that these chemicals may damage underlying painted surfaces and are flammable, so clean well away from open flames, sparks or other sources of ignition.

Please consult the SDS for additional information on disposal of unused materials, and safe handling practices.

ORDERING/SHIPPING INFORMATION					
<b>AVAILABLE PACKAGING</b> (product ordering code)	<table style="width: 100%; border: none;"> <tr> <td style="padding: 2px 5px;"><b>Four–1 Gallon Cans:</b></td> <td style="padding: 2px 5px;">Part #37115G</td> </tr> <tr> <td style="padding: 2px 5px;"><b>Five (5) Gallon Pail:</b></td> <td style="padding: 2px 5px;">Part #37108</td> </tr> </table>	<b>Four–1 Gallon Cans:</b>	Part #37115G	<b>Five (5) Gallon Pail:</b>	Part #37108
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<b>CASE SHIPPING WEIGHT</b> (kilograms)	<table style="width: 100%; border: none;"> <tr> <td style="padding: 2px 5px;"><b>Four–1 Gallon Cans:</b></td> <td style="padding: 2px 5px;">38 LB (16.3)</td> </tr> <tr> <td style="padding: 2px 5px;"><b>Five (5) Gallon Pail:</b></td> <td style="padding: 2px 5px;">48 LB (21.8)</td> </tr> </table>	<b>Four–1 Gallon Cans:</b>	38 LB (16.3)	<b>Five (5) Gallon Pail:</b>	48 LB (21.8)
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# Technical Data Sheet

## Superflake™ Hot Oven Chain Lubricant

Water-Based, Smokeless, Graphite Lubricant

### **Transportation Guidelines:**

*When shipping via Ground Transportation:*

**All Packaging:** Not regulated

*When shipping via Ocean Freight:*

**All Packaging:** Not regulated

*When shipping via Air Freight:*

**All Packaging:** Not regulated. Contact your carrier though prior to shipment for any airline restrictions

### **California Prop 65 Statement:**

Warning. This product contains chemicals known to the State of California to cause cancer.