



SF-400X Forging Compound

Description

SF-400X is a calcium-based forging compound that is designed to reduce friction. It contains only 98% purity graphite, resulting in less friction and heat build-up in your application.

SF-400X contains lubricity agents that maintain a low coefficient of friction while able to support line contact loads of up to 12,000 psi. It also has a flash point of >450F and a fire point of >500F.

Features/Benefits

- ✓ **Contains 98% Purity Graphite**
- ✓ **Provides less friction and heat build-up in applications**
- ✓ **Lubricity agents maintain a low coefficient of friction**
- ✓ **Able to support line contact loads of up to 12,000 psi**

Typical Physical Specifications

NLGI Grade	NLGI	000
Penetration @ 77°F W60	ASTM D-217	449
Thickener Type	-	Calcium
Brookfield Viscosity @ 77°F	Brookfield Viscometer	14,000 CP
Flash Point (°F)	ASTM D-92	474
4-Ball Wear, scar dia. Mm	ASTM D-2266	0.446
Block-on-Ring Steel-on-Steel (Closed bath 400lbs/300rpm/1hr)	ASTM D-3704 modified	Pass
Max Temp, °C	-	114
Max CoF after 1 st minute	-	0.103
Graphite, 98% purity		7.5%