



CALCIUM SULFONATE GREASE (OCS GREASE)

DESCRIPTION:

Varouh Oil OCS Grease is a high-performance extreme pressure grease that exhibits outstanding film strength and resistance to corrosive saltwater environments. It is made with premium base oils that provide equipment long life and protects against chemical and thermal degradation keeping equipment free from metal-to-metal contact and temperature under control, ensuring the best protection even under very severe operating conditions.

Our OCS Grease formula and manufacturing process have been perfected over the years to produce the best quality Over Based Calcium Sulfonate Complex Grease with outstanding performance in severe operating conditions. We control the process in such a way where formation of Calcite is maximized and Vaterite is minimized, making this grease to develop outstanding pumpability characteristics where other sulfonate greases fail.

OCS Grease does not contain any of the following harmful additives: antimony, barium, chlorine, lead, copper, graphite, phosphorous, sulfur or zinc. This product is friendly but not biodegradable.

PRODUCT FEATURES:

- Calcium sulfonate base
- Water Resistant
- Extreme Pressure properties
- High Drop Point- Suitable for high temperature application
- Excellent rust protection properties

APPLICATIONS:

Varouh Oil OCS Grease is recommended for severe applications in many industries. It is particularly suitable for high-speed bearings and centralized lubrication systems. This grease is recommended for use in automotive as well as extreme pressure applications in construction, mining, agricultural, logging and hauling industries. This product is suitable anywhere where it is shear stable, high load carrying, corrosion resistant grease is required.

BENEFITS:

- Excellent performance under heavy loads
- Protects equipment from rust
- Does not drip out under working conditions
- Extraordinary performance under humid and water ingress conditions
- Excellent pumping properties and thus recommended for centralized lubricants systems

Typical Properties

Product Number	9100BB	9100BA	9100BF	Test Method
Color	Blue	Blue	Blue	Visual
Texture	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Visual
LGI Grade	1	2	3	ASTM D 217
Worked Penetration	310-340	265-295	220-250	
Change in Pen after 100,000 strokes	30 max	30 max	30 max	ASTM D 217
Drop Point, ° F	450 Min	500 Min.	500 Min.	ASTM D 2265
Drop Point				
Viscosity @ 40 C, cSt	224	224	224	ASTM D 445
Viscosity @ 100 C, cSt	17.4		17.4	
Viscosity @ 100 F, SUS	1194	1194	1194	
Viscosity @ 210 F, SUS	89.9	89.9	89.9	
Type of thickener	Lithium complex	Lithium complex	Lithium complex	
Weld load, kg	315	315	315	ASTM D 2596
Wear Scar Dia., mm	0.6	0.6	0.6	ASTM D 2266
Timken OK load, lbs.	50	60	65	ASTM D 2509
Water Washout, 175 F, %		3.0	1.7	ASTM D 1264