

PRODUCT INFORMATION

ORION 730

HIGH TEMP CHAIN LUBRICANT

Orion 730 is a general purpose lubricant suitable for the long term lubrication of drive chains and overhead conveyor chains. Particularly suited for dusty conditions and heavy duty applications as well as in wet environments both in- and outdoors.

Inclusion of special micronized “moly” ensures Orion 730 continues to lubricate up to 400°C when the “wet” oil film is lost. Orion 730 prevents chatter on slow moving chains and at start up. Ordinary chain lubricants have difficulty keeping metal surfaces from each other, particularly at start up and higher speeds, which causes wear and this wear is evident in the “chain stretch”. The wear and stretch is not only power robbing but causes chains to “climb” the sprocket teeth causing them to wear excessively fast with costly replacement as a result. Orion 730 with its unique hydrodynamic film and evenly dispersed micronized moly will prevent excessive wear and greatly extend the life of chains and sprockets.

Orion 730 can be used on wire rope applications.

COST SAVING BENEFITS

1. Non-drip extends lubrication intervals and ensures contamination-free surrounding work area.
2. Excellent penetration properties provides protection of the internal working parts of the chain.
3. Very good corrosion resistance and dewatering properties allow application to wet or recently washed chains.
4. The addition of molybdenum disulphide and extreme pressure (EP) additives provide an extremely high degree of anti-wear and high temp protection extending chain life.

METHOD OF APPLICATION

Apply manually by brush or with oil can. ORION 730 SUPERIOR CHAIN LUBRICANT can also be applied automatically by spray or drip feed as per the equipment manufacturers’ instructions.

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	-	Dark grey / black fluid
Viscosity @ 40°C	-	220 cSt
100°C	-	21.3 cSt
Viscosity Index	-	115
Flash point	-	> 260°C
Specific gravity	-	Approx. 0.89
Molybdenum disulphide content	-	1%
Shell 4 Ball (IP239)		
Weld Load	-	225kg
Salt Spray at 35°C for 24 hours	-	No corrosion
Operating temperature range	-	-20°C to +160°C