



Alpha™ SMR Heavy X

Open Gear Lubricants

Description

Castrol Alpha™ SMR Heavy X is designed for use on heavily loaded open gears and brass journal bearings such as found in the sugar processing, mining, quarrying and rubber industries. Can also be used as a wire rope lubricant.

Application

The combination of additives includes extreme pressure additives to satisfy the vigorous lubrication demands of heavily loaded mill roll bearings and open gears. Also to protect wire ropes during the extremes of service conditions, in such applications as the protection of hoist ropes where internal wear and lubricity are of prime concern, to the severe service conditions of drag ropes where protection from abrasive dirt is the major need.

Recommended for use in the following applications:

- sugar mill roll bearing;
- heavily loaded open gears; and
- lubrication and protection of wire ropes.

Advantages

- The products impart high load carrying capabilities thereby reducing wear on contact surfaces.
- The products contain emulsifiers to resist the harmful effects of contamination with sugar juices.
- Protection for wear and corrosion.
- Resists throw-off through excellent adhesive properties.

Typical Characteristics

Name	Method	Units	SMR Heavy X
Appearance	Visual	-	Black viscous oil
Density @ 15°C	ASTM D1298	kg/m ³	997
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	11,000
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	200
Pour Point	ASTM D97	°C	12
Flash Point, PMCC	ASTM D93	°C	250

Subject to usual manufacturing tolerances.

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30 May 2016

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