



# SHELL SMC LUBRICANT

## High performance, semi-synthetic non-bitumastic sugar mill lubricant

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### Product Description

**Shell SMC Lubricant** is a high performance, semisynthetic, non-bitumastic viscous lubricant specifically developed to satisfy the demands of heavily loaded slow rotating journal bearings. **Shell SMC Lubricant** is formulated to minimize brass bearing and steel roller wear and maintain normal bearing temperatures under extreme operating conditions. **Shell SMC Lubricant** incorporates synthetic thickeners and high viscosity mineral oils blended with extreme pressure additives to give a high performance sugar mill brass bearing lubricant.

The very high viscosity of **Shell SMC Lubricant** has been achieved by combining synthetic thickeners and high viscosity mineral oils. The use of synthetic thickeners has also produced a lubricant with high viscosity index which helps to provide good pumpability at low temperatures while maintaining high viscosity at elevated temperatures. The high viscosity base oils are combined with extreme pressure additives to give a lubricant with very high film strength and load carrying performance needed for the protection of sugar mill brass bearings and rollers.

**Shell SMC Lubricant** can be applied in lubrication equipment previously used for bitumastic lubricants, e.g. Farval, Wakefield, Tecalamit, Lincoln, etc. The viscous oil nature of the lubricant allows it to be gravity fed into sugar mill centralized lubricators if required.

### Application

- heavily loaded bearings journal bearings in sugar mills

### Features/Benefits

- high viscosity which provides higher film strength and lower tendency for squeeze out in highly loaded and slowly rotating sugar mill brass bearings and rollers
- helps protect equipment by resisting water and washout due to the high viscosity and tenacity of the lubricant
- excellent load carrying performance provides excellent brass bearing wear protection
- suitable for application via lubrication equipment previously used to apply bitumastic lubricants

### Typical Properties of Shell SMC Lubricant

	Test Method	
Product Code		
Bulk		5061699
55 Gallon Drum		5061700
Appearance	Visual	Bright & Clear
Viscosity		
@ 40°C, cSt	D 445	20,000
@100°C, cSt	D 445	425
Viscosity Index	D 2270	145
Density, lbs/gal		7.61
Weld Point, kgf	D 2596	400
Flash Point, COC, °F	D 92	445
Pour Point, °F	D 97	42

### Handling & Safety Information

For information on the safe handling and use of these products, refer to their Material Safety Data Sheets at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.