



P R O D U C T I N F O R M A T I O N

GULF LUBCOTE SERIES

General Qualities and Characteristics

Gulf Lubcotes are a family of adhesive lubricants available in variety of grades to provide for a wide range of operating conditions and various methods of application. Selected crudes and special refining process gives **Gulf Lubcotes** their outstanding lubricant qualities along with excellent adhesive properties. Thus they afford maximum protection against wear and help prevent corrosion and pitting through a lubricant film that is highly resistant to moisture, acid fumes and corrosive gases. The special film is tough and tenacious; it will withstand extreme temperature changes without drying, cracking or peeling.

Application Requirements

Lubricants for open gear, wire rope, gear type coupling etc., must afford maximum protection against wear while providing a lubricant film that will resist moisture, acid fumes and corrosive gases that promote pitting corrosion. The lubricating film must be strongly adhesive and flexible under wide range of temperatures to prevent throw off, cracking or peeling.

Recommendations

Suitable for heavily loaded open gears in cement factories, coal mines and high temperature applications. **Gulf Lubcote No.s 0 and 1** are recommended for the lubrication of open gears, wire ropes, exposed sliding surfaces, gear type couplings and railroad car center plates. These products can be applied at normal summer temperature by brush, swab or bath without heating. During cold weather these grades can be easily applied by heating. **Gulf Lubcotes No 0**

can be applied for heavy duty enclosed gears where a lower viscosity lubricant does not provide sufficient protection or leaks out rapidly. **Gulf Lubcote No 2** is ideal for open gears and pinions in rolling mill application where water is in contact with the gear teeth. It is also recommended for the same application as listed for **Grade 0 and 1** where a heavier product is indicated. **Gulf Lubcote No 2** must be heated to be applied. **Gulf Lubcote No 3 & 5** are still higher in viscosity and must be heated for ready application. These grades have higher heat resistant properties, a decided advantage when used on gears exposed to high ambient temperatures. These products are especially suited for steel mill gears and pinion grith gears on rotary kilns and driers, open gears on traveling cranes and other similar applications. **Gulf Lubcote No. 3 and 5** are recommended for open gearing wire rope, slides, rail road center plates and serve many similar applications in steel mills and on machine tools. They can be applied at room temperature by spraying, hand brushing or dipping.

Typical Properties

Gulf Lubcote	No.0	No. 1	No. 2	No. 3	No. 5
Viscosity @100°C, cSt	65	250	500	700	1000
Flash Point, °C, COC	240	240	240	250	300
Cu strip corrosion	1a	1a	1a	1a	1a

Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest Gulf office.

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