

SERVO[®] PRODUCT DATA SHEET

SERVOCOAT

GRADES AVAILABLE – SERVOCOAT 110, 120, 140, 170T, 190

DESCRIPTION

Servocoat compounds are heavy bodied, adhesive type black lubricants for open gears, wire rope and chain lubrication.

These gear compounds are formulated using highly refined steam cylinder oils having excellent thermal and chemical stability. They contain specially selected bituminous component, which provides excellent adhesiveness. High load carrying characteristics are imparted to the product by a mild EP additive.

PERFORMANCE BENEFITS

- ☞ Ensure excellent protection of gear teeth under boundary lubrication conditions.
- ☞ Have excellent film adhesiveness thus minimise lubricant throw off.
- ☞ Provide long lasting lubricating film, which takes care of irregular application in small quantity, thus reducing lubrication cost.
- ☞ Protect components against rusting even during idle periods.
- ☞ Have good resistance against water washing.

APPLICATION

Servocoat compounds are primarily designed for the lubrication of a wide variety of open gears ranging from machine tools/small presses to heavily loaded open gears in cement factories, coal mines, etc. These grades are also suitable for lubrication of kiln tyres, operating at high temperatures, in cement mills and chemical plants. Open gears have been found to be sparsely lubricated at irregular intervals. In such situations a microscopic film of lubricant should be able to withstand the load and prevent metal-to-metal contact. Servocoat compounds form highly tenacious film on metals and thus give excellent performance under severe operating conditions. Servocoat compounds are also suitable for lubrication of wire ropes and chains. This product should not be used in food processing industries.

MANUFACTURERS APPROVAL

- ☞ ACC – Vickers Babcock Ltd., Shahabad
- ☞ Braithwaite & Co (India) Ltd., Calcutta
- ☞ Backau Wolf New India Engg. Works, Pune
- ☞ FIMCO – KCP I td . Madras

CHARACTERISTICS

GRADE	110	120	140	170T*	190
Kinematic Viscosity, cSt @ 100°C	80-120	220 – 250	400 – 550	750 –800	900 - 1100
Flash Point (COC), °C Min.	250	250	280	280	280
Copper strip corrosion, 100°C, 3 hrs Max	1	1	1	1	1
Timken OK load, Kg, Min	15	15	15	15	15

* Also contains special tackiness agent

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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