

MAK CAMEX COMPOUND

High viscosity bituminous lubricant for open gears and wire ropes

MAK Camex Compounds are a range of high viscosity black residual type bituminous lubricants. They contain specially selected bituminous compound which provides excellent adhesion. Due to its excellent tackiness it forms a highly tenacious film on metals and thus offers excellent performance under severe operating conditions. MAK Camex Compound offers a number of grades that are blends of bitumen and high viscosity base oils to suit various applications. The heavier grades require preheating before application and in liquid state they can be applied with swab, brush or paddle.

Grades: MAK Camex Compound range of oils are available in the following grades – **B, D, F, G** and **H**.

Applications:

MAK Camex Compounds are recommended for the lubrication of open gears, bull gears, crushers in cement, sugar factories, steel mills, coal mines etc. and other applications where high viscosity adhesive products are required. They are also used in applications such as wire rope and chain lubrication in industries.

	MAK Camex Compound
Slow speed gears, open gears	√√
Wire ropes and chain lubrication	√√

Performance/ Benefits:

Excellent Adhesiveness – offers excellent adhesiveness thus having ability to stay in place for longer duration, minimises lubricant throw off and provides long lasting protection.

Outstanding Lubrication – high viscosity takes care of the heavy loads and also helps in forming a stable film on the gear teeth thereby offering superior protection to the components.

Good Antirust Property – protects the components from any chances of rust and corrosion in aqueous environments and enhances their life.

Superior Wash Out Resistance – presence of bitumen in these oils offers them high resistance to water washout.

Range of Viscosities – is available in range of viscosities and caters to the most varied and arduous applications.

Performance Level/ Specification:

- Camex Compound D/H: IS 9554:1980 (Reaffirmed 2014)
- Camex Compound B/F/G: Proprietary grades

Storage & Handling:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing. Shelf life is 2 yrs. under protected conditions.

Health & Safety:

They are unlikely to be hazardous when properly used in recommended applications. Contamination of the grease from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.

Typical Physico-Chemical Data: MAK Camex Compound

Characteristics	Method	B	D	F	G	H
Appearance		Viscous	Viscous	Viscous	Viscous	Viscous
Color		Black	Black	Black	Black	Black
Kinematic Viscosity @100°C, cSt	ASTM D445	120	230	430	770	1150
Pour Point, °C	ASTM D97	24	24	27	30	36
Flash Point, COC, °C	ASTM D92	238	252	252	260	285
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1b	1b	1b	1b	1b