



The Orelube Corporation

Specialty Industrial Lubricants Since 1958

Since 1958, The Orelube Corporation has manufactured and marketed Specialty Lubricating Oils & Greases for Industrial applications worldwide.

From synthetic base fluids and highly refined and hydrocracked paraffin base oils blended with chemical and metallic ingredients, Orelube produces fully formulated modern lubricating oils and greases.

ORELUBE BM-50

Orelube BM-50 retains itself like grease yet flows like oil; therefore the descriptive term semi-fluid is used. It is recommended for the lubrication of cams, bearings and grease-lubricated gears especially where excessive leakage is a problem. BM-50 contains a blend of polymer and tackifier for extra-adhesive properties to prevent drip or leak.

BM-50 is manufactured using high VI paraffin base oil thickened with aluminum complex soap produced by a state-of-the-art manufacturing and homogenizing process.

BM-50 is formulated to provide good EP properties and rust and corrosion protection of lubricated surfaces, with enhanced oxidation stability for long-lasting lubrication.

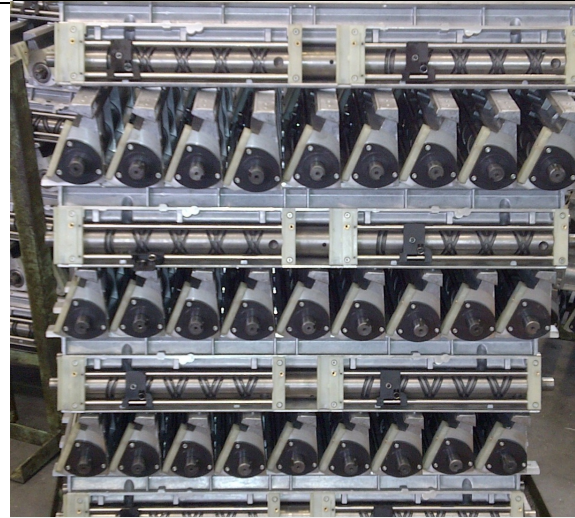
Orelube BM-50 approval and use on Barmag FK6-12 Texturing machines to lubricate the traverse motion unit. Relubrication every 2000 operating hours with approximately 15 g for each traverse motion point at running machine.

The FK6-12 makes it possible to carry out high-speed texturing. FK stands for false-twist crimping.

Orelube BM-50 approval and use on Hong Yuan FK6.HY1 series High Speed Draw Texturing Machines for high processing speeds for standard, multi-feed and microfilament polyester yarns.

Manmade fibers, spun as smooth, synthetic threads, are textured, which means that they are given a natural fiber-like character. The spun thread does not acquire textile wearing properties until it has been finished on a texturing machine (only when texturing has been carried out can the fibers be used to make textiles). Texturing is a refinement step that transforms POY into DTY.

The polyester or nylon thread is heated in the texturing machine until it becomes just malleable. In this state, it is drawn and twisted, using a friction unit. Subsequently, the thread is cooled and the twist reversed, which creates the crimping. At the end of this continual process, the textured yarn is wound at between 700 and 1,500 m/min. depending on the material and thread thickness.



Typical Properties

Viscosity @ 20 C (68 F), cP	14,000 –14,800
Color	White
Base oil viscosity, ASTM D445, cSt @ 40 C	143.4
Oxidation stability, ASTM D942, 100 hrs. @ 210 F, psi loss	3
4-Ball EP, ASTM D2596, Weld load, kg	220
4-Ball Wear, ASTM D2266, 1200 rpm, 40 kg, 167 F, 1 hr., Scar diameter, mm	0.59

