



SUPER G²®

Vibrating Motor



Three-Year Warranty

*Patented "Continuous Internal Oil Bath
Lubrication System" Provides Longer Life*

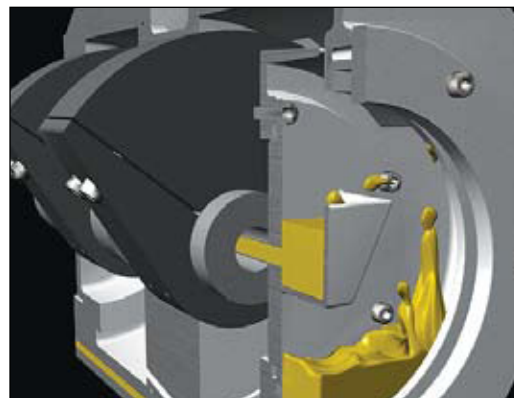
Derrick SUPER G²® Vibrating Motor

Derrick's patented Super G² is the next generation in vibrating motors. The Super G²'s "continuous internal oil bath lubrication system" provides longer life and robust maintenance-free operation. A unique hydrodynamic cushioning effect is created on the bearing surface which reduces friction, wear, heat and sound generation. The motor will run longer and at a reduced decibel level (78 dBA) which greatly extends the life of the motor. Oil is constantly being flushed through and across all bearing surfaces. The Super G² oil bath lubrication system is continuous and recirculating so the bearing is always receiving a fresh thin film of oil. The oil is contained in a sealed system where no external contaminants can enter. Any contaminants generated due to bearing wear are captured in a sump at the bottom of the oil reservoir. In a greased bearing system, contaminants can be injected into the bearing if and when it is greased. With the Super G², the bearings are lubricated for the life of the motor.

Derrick Super G² vibrating motors carry a three-year warranty and are built with superior electrics, which are renowned in the industry for durability. Super G² motors with UL® (Class I, Division 1, Groups C and D) or DEMKO/ATEX (Zone 1 Ex d IIB T3) certifications are available. The Super G² motors coupled with Derrick's 500 Series shale shakers increases fluid handling capacities which requires fewer shakers. Rigs can also screen finer earlier in the drilling process, thus significantly reducing mud and disposal costs. Increased performance and durability make Super G² motors an asset to any drilling program.

"Continuous Internal Oil Bath Lubrication System" **Features and Benefits:**

- Three-year warranty
- Assures that bearings are always being lubricated
- Seals out contaminants
- Eliminates corrosion of bearings and internal parts
- Reduces bearing wear and friction
- Dynamic effects on bearings are absorbed
- Constant bearing temperature is maintained
- Lower decibel level (78 dBA)
- Fits existing Super G shakers



CERTIFICATIONS:



**Derrick FLC 513
Powered by Super G²
Vibrating Motors**

*An Integral Part of the High **G** Solution®*



15630 Export Plaza Drive • Houston, Texas 77032
Toll Free: (866) DERRICK Phone: (281) 590-3003 • Fax: (281) 442-6948
www.DerrickEquipment.com



PYRAMID™ SCREEN