

WR MOLEX-00 460 / WR HTXX-00 460 / WR CS-HTXX-00 460 (WIRE ROPE GREASE)

DESCRIPTION: It is semi-fluid grease for wire rope lubrication designed to meet the arduous lubricant and corrosion prevention requirements of wire ropes working under all conditions. Wire Rope Lubricant will penetrate between the rope strands to provide internal lubrication and to provide both internal and external protection against corrosion caused by wet, adverse weather conditions and sea water. It is specially designed to deliver outstanding performance in application areas like Marine, Mines, offshore and heavy duty off-highway equipment.

WR MOLEX-00 460 is tacky and high quality Lithium based grease incorporating multifunctional, extreme pressure additives, finely dispersed with pure molybdenum disulphide (MoS₂), and assures long re-greasing intervals. **WR HTXX-00 460** is tacky and high quality Bentonite clay based grease incorporating multifunctional, extreme pressure additives, finely dispersed with pure molybdenum disulphide (MoS₂), and assures long re-greasing intervals. **WR CS-HTXX-00 460** is tacky and high quality Calcium Sulphonate Complex based grease incorporating multifunctional, extreme pressure additives, finely dispersed with pure molybdenum disulphide (MoS₂), and assures long re-greasing intervals. These greases contain small dosage of synthetic (PAO) ester additive & special white solid lubricants Mox-Active (Organo Molybdenum Complex) a German technology improvement additive creates a passive film on friction surfaces.

APPLICATIONS

- Heavy duty equipments used in Marine, off-shore, Cement, mining / Quarrying, agriculture & forestry/ logging, off highway and other industrial as well as automotive applications.
- General lubrication of Wire Ropes, axles, ball joints, universal joints, couplings, power take-offs, kingpins, bushings, Marine, Dockside and ship crane ropes, and Drag lines, Rigs (back-up legs), Hoists and mobile cranes, Forklift rails and wheel-drive gears, Slipper drives (steel mills), Dipper sticks on excavating shovels, Automotive fifth wheels (tractor-trailer turntables), Steel girth gears (girth tires) on rotary kilns & crushing mills, Underwater Dredging buckets, Jacking legs on offshore drilling rigs,

PROPERTIES

NLGI	WR MOLEX-00 460	WR HTXX-00 460	WR CS-HTXX-00 460
Colour & Appearance	Dark Grey (Smooth & Tacky)	Dark Grey (Smooth & Tacky)	Dark Brown (Smooth & Tacky)
Thickener	Lithium	Bentonite clay	Calcium Sulfonate Complex
Solid Lubricants	MoS ₂	MoS ₂	MoS ₂
Viscosity at 40 °C	460	460	460
Dropping Point, °C	180	+220	+280
Worked penetration	310-340	310-340	355-385
4 Ball Weld Load	250	+315	+ 400
Temperature Range	-20 to 130	-20 to 160	-20 to 180

COST SAVING BENEFITS

- Excellent internal and external protection, Extensive covering power, resulting in economic usage
- Solid lubricant reduces wear between the strands of the rope
- Water repellent film extends re-lubrication intervals,
- Ropes are clean to handle allowing easy inspection, Extends rope service life.
- Thin film eliminates fling off and does not collect abrasive particles.

Directions: Apply sparingly, (1kg is sufficient to lubricate 50m of 25mm diameter rope). When the rope is in use, the capillary action of the lubricant will ensure full penetration to the core. Use straight from the container, even in cold weather. For best results, Wire Rope Lubricant should be applied to clean ropes to ensure complete penetration. Should it not be possible to clean the ropes of previous lubricant, and then apply wire rope lubricant on top to soften it, work the rope for one week for further application.

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