



# MARSON LIPLEX GREASES

## (Premium Multipurpose Automotive & Industrial Greases)

**MARSON LIPLEX** greases are high performance extreme pressure greases, which feature a number of distinct advantages as compared to conventional greases. The lithium complex thickener produces excellent water resistance and a wide temperature range. **MARSON LIPLEX** greases are suitable for use at temperatures up to 325°F (163°C).

**MARSON LIPLEX** greases are compounded with extreme pressure and anti-wear additives, which, coupled with the high viscosity base oils, produce a high load carrying ability and reduce wear. Oxidation inhibitors are employed to provide a long service life at elevated temperatures and to reduce deposits. Rust and corrosion inhibitors protect metal parts in areas where corrosive chemicals and salt water are present

**MARSON LIPLEX** greases are slightly tacky which makes them more resistant to pounding out in applications where high pressures or shock loads are encountered such as king pins, bucket pins, U-joints, chassis points, and others. These polymers improve water resistance making these greases superior in areas where water impinges on bearings as in paper machines, rolling mills and food machinery (USDA H-2 authorized).

**MARSON LIPLEX** greases may be used in electric motor bearings, fan bearings, couplings, pumps, cylindrical roller bearings, anti-friction bearings and plain bearings.

**MARSON LIPLEX MOLY** contains 3% molybdenum disulfide (moly) for applications where extremely heavy shock loading is encountered. It is an exceptionally high performance grease with a high degree of versatility.

### **BENEFITS:**

- RESISTANCE TO POUNDING - OUT UNDER PRESSURE
- CAPABLE OF WITHSTANDING HEAVY SHOCK LOADS
- EXCELLENT WATER WASHOUT RESISTANCE
- WIDE TEMPERATURE RANGE

### **APPLICATIONS:**

**MARSON LIPLEX** greases are extremely versatile lubricating greases that can be used at a wide range of temperatures. Their slightly tacky consistency resists impact and wash out, but also creates a protective "collar" to keep out dust, dirt and other contaminants.

**MARSON LIPLEX** greases are recommended for a multitude of applications including heavy-duty vehicles and equipment used in construction, mining, agriculture, logging and hauling. It is also ideal for many industrial applications in paper mills, cement plants, metalworking shops, power plants, chemical manufacturing facilities, textile mills, plastics plants, food processors, sawmills, foundries, wastewater treatment plants and steel mills.

**MARSON LIPLEX MOLY** (at 3%) greases are primarily recommended for heavy duty applications found in construction, logging and mining equipment. It meets or exceeds the 3% moly requirement suggested by several OEM's including Caterpillar.



# MARSON LIPLEX GREASES

(Premium Multipurpose Automotive & Industrial Greases)

## TYPICAL CHARACTERISTICS

Product	No. 1	No. 2	Moly No 2
Product Code	39872	39873	39874
NLGI Grade	1	2	2
NLGI Service Classification	-	GC-LB	GC-LB
Thickener Type—Lithium Complex	yes	yes	yes
Texture—Smooth, slightly tacky	yes	yes	yes
Color	Blue	Blue	Gray
Molybdenum Disulfide Content, %	0	0	3
Worked Penetration (ASTM D-217)	320	280	280
Dropping Point (ASTM D-2265) °F (°C)	500 (260)	530 (278)	530 (278)
Base Oil Viscosity (ASTM D-445):			
cSt @ 40°C	145	160	160
cSt @ 100°C	12.2	12.4	12.4
SUS @ 100°F	773	853	853
SUS @ 210°F	69	70	70
Wheel Bearing Leakage,% (ASTM D-1263)	1	1	1
Oxidation Stability (ASTM D-942) psi drop, 100 Hrs	5.0	5.0	5.0
Copper Corrosion (ASTM D-4048)	Pass	Pass	Pass
Rust Prevention (ASTM D-1743)	Pass	Pass	Pass
Timken OK Load, lbs (ASTM D-2509)	60	60	60
Four Ball EP (ASTM D-2596)			
Weld Point, kg	250	250	250
Load Wear Index	45	45	45
Four Ball Wear scar diameter, mm (ASTM D-2266)	0.45	0.45	0.50
Approximate Temperature Range*			
°F	-10 to 325	-10 to 325	-10 to 325
(°C)	-23 to 163	-23 to 163	-23 to 163

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
6/21/02