



# MARSON LIPLEX ET GREASES

(Premium Multipurpose Industrial Greases, Extra Tacky)

**MARSON LIPLEX ET** greases are high performance extreme pressure greases with extra tack that 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 ET** greases are suitable for use at temperatures up to 325°F (163°C) and are ideal for applications where lubricants are subjected to hot water or steam.

**MARSON LIPLEX ET** greases are compounded with selected additives to enhance their performance. A higher amount of polymers makes **MARSON LIPLEX ET** greases extremely tacky, which keeps the grease from 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 also improve water resistance making **MARSON LIPLEX ET** greases superior in areas where water impinges on bearings as in paper machines, rolling mills and food machinery (USDA H-2 authorized). Many operators have discovered that this unique ability of **MARSON LIPLEX** greases to resist wash out and squeeze out allows them to significantly extend relubrication intervals, reducing grease usage and labor.

In addition, **MARSON LIPLEX MOLY ET** contains a healthy amount of molybdenum disulfide (moly) for applications where extremely heavy shock loading is encountered. 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 ET** greases are exceptionally high performance greases with a high degree of versatility. **MARSON LIPLEX ET** greases have been proven to reduce wear, extend equipment life, lower maintenance cost and reduce inventories.

## BENEFITS:

- ADHESIVE--STAYS PUT UNDER POUNDING –OUT CONDITIONS
- CAPABLE OF WITHSTANDING HEAVY SHOCK LOADS
- EXCELLENT WATER WASHOUT RESISTANCE
- WIDE TEMPERATURE RANGE
- EXTENDED REGREASING INTERVALS

## APPLICATIONS:

**MARSON LIPLEX ET** greases are extremely versatile lubricating greases. They can be used at a wide range of temperatures. Its very tacky consistency not only serves to resist impact and wash out, but also creates a protective "collar" to keep out dust, dirt and other contaminants.

**MARSON LIPLEX ET** greases are recommended for a multitude of applications including heavy-duty equipment used in construction, mining, and 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. The NLGI #2 grade meets the wheel bearing and chassis service requirements GC-LB and is registered with NLGI as category GC-LB.

**MARSON LIPEX MOLY ET** (containing 5% moly) greases are primarily recommended for heavy duty applications found in construction, logging and mining equipment. It far exceeds the 3% moly requirement suggested by several OEM's including Caterpillar.



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(Premium Multipurpose Automotive & Industrial Greases)

## TYPICAL CHARACTERISTICS

Product	ET No. 1	ET No. 2*	ET Moly No.2
Product Code	39883	39884	39885
NLGI Grade	1	2	2
Thickener Type	Lithium Complex	Lithium Complex	Lithium Complex
Texture	Smooth, Extra Tacky	Smooth, Extra Tacky	Smooth, Extra Tacky
Color	Red	Red	Gray
Molybdenum Disulfide Content, %	0	0	5
Worked Penetration (ASTM D-217)	280	280	280
Dropping Point (ASTM D-2265) °F (°C)	530 (278)	530 (278)	530 (278)
Base Oil Viscosity (ASTM D-445):			
cSt @ 40°C	160	160	160
cSt @ 100°C	12.4	12.4	12.4
SUS @ 100°F	853	853	853
SUS @ 210°F	70	70	70
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

\* Registered with NLGI as category GC-LB

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

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