

## LUBRAL CSX 5000 MAX

### CALCIUM SULPHONATE

#### DESCRIPTION

CSX 5000 grease is a grease with an excellent formulation based on calcium sulfonate and a package of additives that provide extreme pressure for use in heavy duty, as well as, it has excellent behavior in corrosive environments of saline waters, a good water repellency, corrosion resistance and a wide working temperature range.

#### BENEFITS

- High dropping point.
- Adhesive y Cohesive.
- Workload capacity.

#### APPLICATIONS

It is recommended for use in the automotive industry, as well as in severe service machinery used in construction, steel, mining, agriculture, sugar mills, alcohol, or in any operation where a stable shear grease, high workloads is required and resistance to corrosion.

It meets the automotive and industrial specifications required by the ASTM D4950 standard, established in the GC-LB classification endorsed by The National Lubricating Grease Institute.

#### CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
NLGI Grade	ASTM D217	1
Thickener	ASTM D128	Calcium sulphonate
Color	Visual	Amber
Texture	Visual	Soft
Base oil viscosity @40°C, cSt	ASTM D445	1000
Worked penetration @ 60 strokes, 1/10 mm	ASTM D217	325
Dropping point, °C	ASTM D2265	320
4 balls (Weld point), Kgf	ASTM D2596	800
Timken OK Load, lbs	ASTM D2509	70
Water washout @80°C, % weight loss, max.	ASTM D1264	1.0
Leakage tendencies, % weight loss, max.	ASTM D1263	1.0
Operating Temperature, °C	-	-5 a 270

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations, that do not affect the yield product during the normal manufacturing and on different mixing locations are expected.

Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact [venta@lubral.com](mailto:venta@lubral.com)