Product Data

CASTROL SPHEEROL EPL 2

Lithium-based multi-purpose greases

DESCRIPTION :

A high performance lithium soap grease with Extreme Pressure properties, designed primarily for the lubrication of heavy duty plain and rolling element bearings, including those subjected to shock loading conditions. It contains extreme pressure (EP) / Antiwear additives, oxidation and corrosion inhibitors, is resistant to water and give excellent protection against rust in the presence of sea water.

APPLICATIONS :

Suitable for use in heavy-duty plain and rolling element bearing operating at low and medium speeds, including those subject to shock loading conditions, and other industrial used including grease lubricated gears, requiring the use of extreme pressure greases capable of operating over the temperature range -20 to 120^{o}C.

Typical applications include plain and rolling element bearings in steel, paper and cement mills, bearings and equipment in marine environments, and heavy mining and construction machinery. Also suitable for the wheel bearings of trucks and off-highway vehicles.

FEATURES :

Having good mechanical stability properties this grease will not unduly soften or leak bearings operating under high loads and medium speeds, thus providing improved service life. Reduced wear under severe operating conditions due its to excellent EP characteristics.

Excellent water tolerance, is resistant to water washing and incorporate powerful rust inhibitors to protect bearing and machinery components against corrosion (even in the presence of sea water).

Multi-purpose, suitable for all types of bearing requiring an Extreme Pressure grease.

Good pump ability properties enabling it to be dispensed satisfactorily by means of hand operated grease gun and by centralised lubrication systems.

BENEFITS :

* Wide Operating Temperature range -20^{O}C to 120^{O}C
* Excellent Load-Carrying Capacity (Reduced wear under severe operating conditions)
* Excellent rust inhibiting properties and water tolerance (Superior protection even in the presence of sea water)
* Multi-purpose (so reducing lubricant inventories)

TYPICAL CHARACTERISTICS :

Colour	Brown
N.L.G.I. Grade	2
Thickener	Lithium
Worked Penetration	270
Drop Point ^{O}C	180
Timken OK Load lb (kg)	60 (27)
Emcor Rust (Rating)	0
Base Oil Viscosity @ 40^{O}C, cSt	200
Operating Range, ^{O}C	-20 to 120

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