



## PRODUCT DATA

### Castrol HD Lithium EP

Castrol HD Lithium EP is a smooth, dark brown lithium 12-hydroxy stearate EP grease. Castrol HD Lithium EP is rust inhibited and has good water resistance and long storage life. The base oils utilized in Castrol HD Lithium EP coupled with an oxidation inhibitor and EP additives, enable the grease to withstand continuous heavy loads and shock loads.

Castrol HD Lithium 00 Grease is intended for service where an NLGI 00 grade lithium grease is required, including some automatic grease systems. HD Lithium 000 Grease is designed primarily to replace heavy viscosity gear oil in gear cases subject to excessive leakage in underground mining machinery. It offers an economically attractive alternative while reducing gear lubricant consumption from leaking gear cases without costly machine downtime for mechanical repair of worn seals.

### Features and Benefits

Castrol HD Lithium EP delivers:

- Excellent Anti wear protection
- Good rust prevention and oxidation resistance
- Good water resistance.
- Good general purpose grease.

Castrol HD Lithium EP is intended for use on a ball and roller anti-friction bearings as well as conventional sleeve bearings



### Typical Properties\*

	Method				
<b>NLGI Grade</b>		<b>000</b>	<b>00</b>	<b>0</b>	<b>2</b>
Thickener-Type		Lithium 12-hydroxy	Lithium 12-hydroxy	Lithium 12-hydroxy	Lithium 12-hydroxy
Color		Dark Brown	Dark Brown	Dark Brown	Dark Brown
Appearance		Smooth	Smooth	Smooth	Smooth
Penetration, Worked @ 77°F	D217	465	415	370	280
Dropping Point, °F	D2265	320	300	340	370
Timken OK Load	D2509	40	40	45	50
Base Oil Viscosity, SSU@100°F	D445	2630	2630	2521	1250
Base Oil Viscosity, SSU@210°F	D445	154	154	151	120
Base Oil Viscosity, cSt@40°C	D445	490	490	470	239
Base Oil Viscosity, cSt@100°C	D445	32	32	31	24
Rust Prevention	D1743	Pass	Pass	Pass	Pass

\* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

### Part Numbers and UPCs

NLGI Grade	000	00	0	2
<b>10 X 14 OZ CTG Case Part No.</b>	-----	-----	-----	53133
<b>35 LB Pail Part No.</b>	-----	55137	51137	53137
<b>120 LB Keg Part No.</b>	-----	55138	-----	53138
<b>400 LB Drum Part No.</b>	56139	-----	51139	53139



## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office, or via the Internet at [www.castrol.com/us](http://www.castrol.com/us). This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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