



# Makina Grease & Lubricants Manufacturing L.L.C.

## Tridon EP

### Description

The Tridon EP greases are multi-purpose extreme pressure Lithium based greases with EP additives. They also contain special inhibitors to increase aging stability and anticorrosion properties. Tridon EP has a very high resistance to mechanical loads, minimizes wear under heavy and shock load conditions and gives excellent protection against water washout and rusting. Tridon EP greases are available in NLGI consistencies of 0, 1, 2, & 3

### Application

Tridon EP Grease exhibits good water washout resistance, coupled with a high dropping point. It is therefore suitable for the lubrication of both plain and rolling element bearings operating under high temperature, high load conditions. Operating temperatures up to 120°C can be withstood, or higher if the grease is frequently replenished.

Tridon EP greases offer the following benefits:

- High temperature capability.
- Withstand high loads and shock loading.
- Resistant to water washout.
- Suitable for most bearing operations.

### Typical Characteristics

PROPERTIES	Units	TEST METHOD	VALUE			
Tridon EP			No. 0	No. 1	No. 2	No. 3
NLGI Grade		DIN 51 818	0	1	2	3
Soap Type			Lithium			
Colour			Dark Brown			
Worked Penetration @ 25 °C, 60 strokes, typical	0.1 mm	ASTM D-217	375	325	280	245
Dropping Point, typical	°C	ASTM D-556	180	180	185	193
Timken OK Load	lbs.	ASTM D-2782	44 - 50	45 - 50	45 - 55	45 - 55
Four Ball Weld Test	Kg	ASTM D-2783	-	260 - 280	260 - 280	260 - 280
Base Oil Viscosity @ 40 °C	mm <sup>2</sup> /s	ASTM D-445	160 - 180	160 - 180	160 - 180	160 - 180
Operating Temperature Range	°C	DIN 51 825	-20 to +120	-20 to +120	-20 to +120	-20 to +120