



## TECHNICAL DATA

### TOP 5™

#### Impact Grease / Tacky

##### DESCRIPTION

**TOP 5** is an **IMPACT** grease with very tacky properties and has excellent adhesion to metal, even under extreme water wash conditions and high temperature.

- Resists sand and contamination
- Does not contain heavy metal
- Does not leak from the joints
- Excellent properties of anti-wear
- Clings to hot metals
- Excellent mechanical stability
- Resists a wide range of temperature
- Very high load carrying
- Does not wash out
- Contains rust inhibitors

##### APPLICATIONS

**TOP 5** is a high performance grease for heavy industry, transport, mining, quarry, construction, golf and ski machineries and diamond drill rods.

**TOP 5** is resistant to very high specific surface pressure, thus ensuring excellent wear protection. It is also resistant to corrosion, water and many diluted alkaline and acid solutions.

##### GENERAL PHYSICAL PROPERTIES

##### Typical Result

N.L.G.I. Grade	2
Colour	green
Viscosity, cSt @ 40°C (104°F)	292
Consistency, ASTM D 217, worked penetration, mm./10	280
Unworked	275
Dropping point, ASTM D 2265, deg. C. (482°F)	250

##### EXTREME PRESSURE / WEAR PERFORMANCE

##### Typical Result

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The above information is true and precise to the best of our knowledge. All recommendations or suggestions are made without warranty since the circumstances and conditions are beyond our control.

For further information contact : **Lubri-Lab Inc.:** [info@lubrilab.com](mailto:info@lubrilab.com)

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Timken ok load, ASTM D 2509, Kg. (60 lb)	27.2
4 ball E.P., ASTM D 2596, load wear index, Kg. (136lb)	62
weld point, Kg.(1,100lb)	500
4 ball wear, ASTM D 2266, scar diameter, mm. (40 Kg,(80lb) 1200 rpm, 75°C (167°F), 1 hour)	0.38

#### LEAKAGE / SEPARATION CHARACTERISTICS

Oil separation, ASTM D 1742, mass %.	0.2
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#### CORROSION RESISTANCE

Rust test rating, ASTM D 1743, rating.	pass
Salt fog, ASTM B 117, hours to failure, 1 mil d.f.t.	>300
Copper corrosion, ASTM D130, rating	1b

#### OXIDATION RESISTANCE

Bomb oxidation, ASTM D 942, psi drop after 1000 hours.	4.0
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#### MECHANICAL STABILITY

Worked stability, ASTM D 217, % change from baseline. Worked 100,000 strokes.	2.5
Shell roll, ASTM D 1831, % change from baseline.	3.9

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##### WATER PERFORMANCE

Water Resistance, ASTM D 1264, 79°C (174°F), % loss.	0.00
Water Spray-off ASTM D 4049, % removed.	6.62

##### OPERATING TEMPERATURE

Grade 2 for temperature over -10°C (14°F)  
Grade 0 for temperature below -10°C (14°F)

**Special features:** Approved standard H-2 by *Agriculture and Agri-Food Canada, Food Production and Inspection Branch for food equipment*. Avoid contact with food.

**File number:** /L125

**NSF International Registration:** No 137390. Category code: Food grade H2.

**Availability :** 50 tubes per case, 17 kilos, 55 kilos and 180 kilos.

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