

BEACON 325

PREMIUM QUALITY MULTIPURPOSE GREASE

November 2006



BEACON 325 offers the following features and benefits:

- ◆ Excellent low temperature properties, especially low temperature torque
- ◆ Very good water resistance
- ◆ Good oxidation stability for extended grease life
- ◆ Low volatility synthetic base oil that allows operation at moderate to high temperatures without significant loss of oil

Primary Applications

BEACON 325 provides excellent service in a wide variety of small bearings and lightly loaded gears that operate over a wide temperature range, including such applications as:

- Navel, marine, and aircraft instruments and control mechanisms
- Geared limit switches in Limitorque valve actuators
- Commercial and military electronic equipment
- Sealed for life motors, generators, and similar equipment in automotive, aviation and industrial applications

Beacon 325 is formulated with an ester base oil that may cause certain plastics, elastomers, and coatings to swell and/or soften.. This tendency depends on the temperature and contact time. Contact your local Imperial Oil representative for further information on materials compatibility.

Precautions

BEACON products are manufactured from high quality petroleum base stocks, carefully blended with selected soaps and additives. As with all of our products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapour inhalation. High-pressure injection of any grease under the skin can cause serious delayed soft tissue

damage and should be treated immediately by a physician. To avoid injection injuries, inspect greasing equipment regularly for worn hoses and fittings. Keep fingers away from the nozzle and ensure the nozzle is firmly in place before

discharging the grease. Please refer to the Material Safety Data Sheet for further information.

Note: This product is not controlled under Canadian WHMIS legislation.

Typical Properties

		BEACON 325
Thickener Type		Lithium
Colour		Tan
Worked Penetration @ 25°C		285
Kinematic Viscosity, cSt @ 40°C		12
Dropping Point		180
Apparent Viscosity @ 40°C and 20 sec ⁻¹ , P		7,000
Operating Range °C		-54 to 120

The values shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges.