Esso Imperial Oil

Product Data Sheet

ARCAN 1

WATER RESISTANT FILLER TYPE GREASE

November 2006

ARCAN* 1 lubricant is a white coloured filler type grease which is readily dispensed by hand or power-operated grease guns. ARCAN 1 grease is widely used in bearings and mechanisms to combat severe water contamination. ARCAN 1 grease has good adhesion to metal under wet conditions and maintains a lubricating film and stays in place to protect metal surfaces from corrosion for extended intervals. ARCAN 1 grease has an operating range of -5°C to 110°C.

Because of the properties referred to above, ARCAN 1 grease finds use in many applications such as printing machines, laundry and dry cleaning equipment, lubrication of office equipment and many other similar installations.

ARCAN 1 grease is not recommended for wheel bearings, electric motor bearings, or other high speed, grease packed anti-friction bearings because of the presence of a filler.

Precautions

ARCAN 1 grease is 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

	ARCAN 1
Soap Type	Lithium
Worked Penetration @25°C	310
Base Oil Viscosity, cSt @ 40°C @ 100°C	 100 10.0
Dropping Point °C	185

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.

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