

TECHNICAL PRODUCT INFORMATION

MOREY'S® SR Arctic Wide Temp EP Grease

Product Description:

MOREY'S® SR ARCTIC WIDE TEMP EP GREASE is a premium, heavy duty, EP Multi-Purpose Lithium Complex grease fortified with polymers, anti-wear agents, tackiness additives, high viscosity base oils, synthetics, plus rust and oxidation inhibitors. This grease is designed to “stay in place” under the most severe operating conditions found in industrial and automotive service. It is surpassed in resisting water wash out and protecting against wear in shock loading applications. MOREY'S® SR ARCTIC WIDE TEMP EP GREASE is the grease designed “to stay there and lubricate” under the worst conditions of water-dirt-mud and reduced temperatures.

Typical Uses:

- Recommended for wheel bearings, including disc brake applications, fifth wheels U-joints, steering linkage, and chassis lubrication.
- An ideal chassis lubricant for “off road” equipment in agriculture, construction, logging, trucking and mining service where severe water washing or shock loading protection is needed.
- Also recommended for rock crushers, sand and gravel screens, oil field equipment, off shore and marine deck equipment.
- Recommended for industrial plain bearings and anti-friction bearings operating under shock loads or wet and dirty conditions.
- Recommended for Motorcycle suspension components, linkage and bearings.
- For all foam or fibre Air Filters where a water and dust seal is needed.

NOT RECOMMENDED FOR SMALL ANTI FRICTION BEARINGS OPERATING OVER 5000 RPM.

- *NOTE:* Special additives used to make this grease “stay in place” make it harder to pump and may require the use of a heavy follower plate in air operated grease pumps. Not recommended for centralised dispensing systems commonly found in industrial plants unless they are capable of pumping grease of this type.

Features:

- Adhesive tacky grease that “stays in place”.
- Unexcelled water washout resistance due to high viscosity base oils fortified with polymers.
- Excellent protection against failures caused by shock loading.
- Extreme pressure protection – Exceeds 60lbs (27kg) OK Load in the ASTM D-2509 Timken Test.
- Critical metal surfaces of moving parts are protected from rust and corrosion.
- Distinctive red colour quickly identifies the grease and helps detect defective bearing seals.
- Reduced maintenance expense because “stay in place” attribute means less frequent greasing intervals and extended equipment life.
- Oxidation inhibitors permit operations up to 150°C.
- NLGI Certified GC-LB wheel bearing and chassis applications.
- Wide operating temperature range from -40°C to + 150°C.
- Excellent low temperature torque.

Typical Properties:

GRADE, NLGI	0	1
Penetration @ 77°F (ASTM worked)	375	325
Dropping Point °C	260	260
Base Oil Viscosity:		
cSt @ 40°C	336	150
cSt @100°C	22.0	13.0
Timken OK Load lb/kg	70lb/32kg minimum	70lb/32kg minimum
Soap Type	Lithium Complex	Lithium Complex
Colour	Red	Red
Appearance	Smooth and Tacky	Smooth and Tacky
Low Temperature Torque	Excellent	Excellent

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.

MOREY OIL SOUTH PACIFIC LTD
ISO 9001-14001 CERTIFIED SUPPLIER
www.moreyoil.co.nz