

Clarity[®] Synthetic EA Grease



Product description

Chevron's Clarity[®] Synthetic EA Grease is an anhydrous calcium-thickened lubricating grease based on biodegradable esters. It is compliant to 2013 VGP legislation and the Swedish Standard 155470. The grease contains antioxidants, corrosion inhibitors, and extreme pressure and anti-wear additives. The thickener, together with the biodegradable esters, makes the product suitable for lubrication of heavily loaded applications. The lubricating grease has excellent adhesion and water resistance.

Customer benefits and product features

Customer benefits

Clarity[®] Synthetic EA Grease delivers value through:

- Meets the requirements of the US EPA Vessel General Permit (VGP) for biodegradation, low toxicity and low bioaccumulation.
- Water resistance - provides satisfactory lubrication in the presence of water and is not easily washed out of bearings.
- Corrosion protection - rust-inhibited to help protect steel and nonferrous-bearing surfaces against corrosion.
- Multipurpose - satisfies grease requirements of a variety of marine equipment.
- Pumpability - can be used over a wide temperature range in centralized lubrication systems.

Applications

Clarity[®] Synthetic EA Grease is suitable for on-deck applications including wire ropes, rudder posts, closed shaft with grease, valves, valve spindles, doors, various bearing applications on spindles, and lifeboat davit.

Product approvals, performance, and recommendations

Performance standards

- N/A

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Typical Test Data

ISO GRADE	TEST METHOD	RESULT
Product Number		238009
SDS Number		39898
Viscosity, Kinematic		
cST at 40°C	ASTM D445	500.0
cST at 100°C	DIN 51562-1	53.0
Penetration at 25°C (77), mm/ 10 Worked (60 strokes)	ASTM D217	265-295
Dropping Point, °C (°F)	ASTM D2265 IP 396	>140
Four-ball Extreme Pressure Weld Load, kg	ASTM D2596 DIN 51350:4	305
Water Resistance at 90°C (194°F), mass %	ASTM D4049 DIN 51807:1	0
Water Washout at 38°C (10°F), mass %	ASTM D1264 ISO 11009	<10%
Biodegradability, OECD 301 B, %		65
Temperature Range, °C (°F)		-40 to 100 (-40 to 212)
Thickener Type		Anhydrous Calcium
Base Fluid		Ester
Texture		Smooth Tacky
Color		Yellow

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Produced by Chevron Global Lubricants: Asia Pacific.

ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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