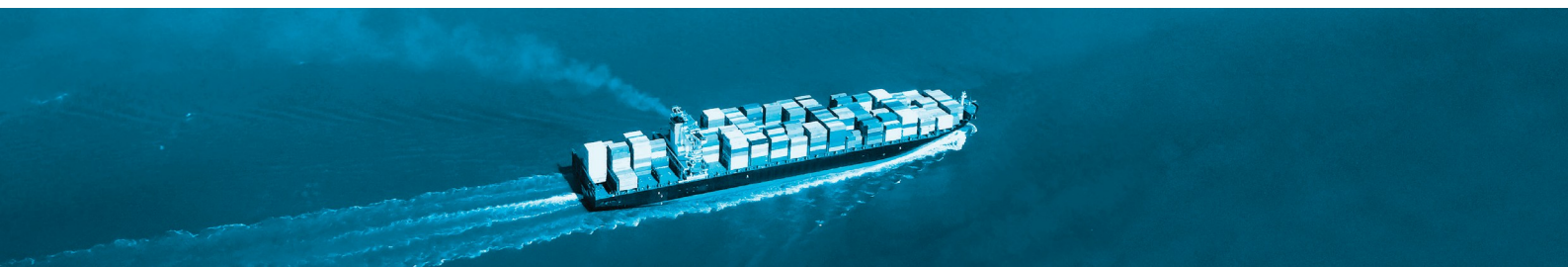




Clarity® Synthetic EA Grease 0



Description

Clarity® Synthetic EA Grease 0 is a premium performance environmentally acceptable lubricant (EAL) grease formulated for the lubrication of heavily loaded bearings in wet and corrosive environments, even at low temperatures, and offers dependable adhesion and water resistance.

Clarity Synthetic EA Grease 0 is an anhydrous calcium thickened grease based on biodegradable synthetic esters, and contains antioxidants, corrosion inhibitors and extreme pressure (EP) and anti-wear (AW) additives.

Typical Characteristics

MPID	219019	
VG 100		
Texture		Smooth
Thickener type		Anhydrous Calcium
NLGI grade	ASTM D217	0
Penetration worked, 60 strokes mm/10	ISO 2137	355-385 (363)
Base oil Type		Synthetic ester
Base Oil viscosity at 40°C, mm²/s	ASTM D7152	460
Base Oil viscosity at 100°C, mm²/s	ASTM D7152	50
Density at 15°C, kg/l	IP 530	0.930
Dropping Point, °C	IP 396	186
Four ball Weld Load, N	DIN 51 350/4	3600
Four ball Weld Load, kgf	ASTM D2596	315
Water resistance static, 90°C	DIN 51807/1	0
Water washout dynamic at 38°C, %	ISO 11009	1
Emcor corrosion test salt water	ISO 11007	0-0
Emcor corrosion test salt water	ISO 11007	0-0
Readily biodegradable content, %	EEL calculation	82
Renewable carbon content	EEL calculation	86
Seal Packing compatibility ; AMS 3217/2C NBR-L	ASTM D4289	
Type 70 hours @ 150°C		
- Seal Swell,%		13.98
- Hardness Durameter A		-2



marine lubricants

Recommended Applications

Clarity Synthetic EA Grease 0 is a premium performance environmentally acceptable lubricant (EAL) grease suitable for a range of marine on-deck applications, including slides, hinges, submerged pumps, propeller caps, in marine applications requiring an NLGI 0 EAL grease.

Clarity Synthetic EA Grease 0 serves as a universal grease for forestry, agricultural and construction vehicles, and is pumpable in most modern centralised lubrication systems.

Clarity Synthetic EA Grease is also recommended for the lubrication of:

- Highly loaded plain and rolling bearings, slideways and other elements of construction and farm machinery
- Machine tools
- Wheel flanges
- Threaded spindles
- Gear drives
- Applications where a biodegradable grease NLGI 0 is required, and is suitable for applications where risk of contamination of soil, water or channels can occur

Product maintenance and handling

Maintaining a clean work environment is critical when equipment greasing is performed. Grease fittings should be wiped clean prior to grease injection to prevent contaminants entering the equipment. Bearing housings should be maintained one-third to one-half full of grease. Over-greasing should be avoided as excessive heat build-up can result. Periodic relubrication via a grease gun or centralised system should be supplemented by complete cleaning and packing with fresh grease on an appropriate schedule. Always follow OEM recommendations.

Clarity Synthetic EA Grease 0 is approved for:

- Hanil Industry
- Yoowon Korea
- 3 K Industry
- Dongtal
- Jiangsu China Empire Offshore

Clarity Synthetic EA Grease 0 meets the requirements of:

- ✓ **ISO 12924** L-XD(F)BIB0
- ✓ **DIN 51502** KPE0G-40
- ✓ **Operating temperature** -40°C up to 100°C with short peaks up to 110°C
- ✓ **2013 VGP** Compliance
- ✓ **SS 155470**

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Performance Benefits

1. Wide range of applications

Developed for reliable protection in a range of on-deck marine applications requiring NLGI 0 EAL grease

2. Environmentally conscious protection

Designed for use where environmental contamination can occur, and promotes protection where a biodegradable grease NLGI 0 is required

3. Water-resistance adhesion

Aids robust adhesion and water resistance

4. Corrosion resistance

Formulated for corrosion protection across a range of on-deck applications

5. Good pumpability

Offers pumpability in many centralised lubrication systems



Disclaimer. Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations which do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Recommendations differ between engine manufacturers so always consult your manual. Neither Chevron nor its subsidiaries make any warranty or representation as to the accuracy or completeness of this PDS and neither Chevron nor its subsidiaries accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS. (August 2021)