

# HYCAL 272 WR

ANHYDROUS CALCIUM GREASE

HYCAL 272 WR is an anhydrous calcium thickened lubricating grease based on a mixture of mineral oil and polymer. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

The thickener, together with the special base oil blend gives the finished grease excellent adhesive and water resistant properties making it particularly suitable for the lubrication of heavily loaded bearings operating in wet and corrosive environments.

HYCAL 272 WR was specifically developed for marine applications and as a universal grease for forestry, agricultural and construction vehicles. The product is also suitable for industrial applications where water washout and corrosion are problematic. The grease is easily pumpable in most modern centralised lubrication systems despite its high base oil viscosity.



## Why HYCAL 272 WR?

- Excellent corrosion protection
- Excellent adhesion and water resistance
- Endures high shock loads

## SEGMENTS & APPLICATIONS

- Plain and rolling bearings operating at low speeds
- Universal grease for above deck marine applications
- Agricultural and forestry equipment, tractors, harvesters, pickers, processors, etc.
- Recreational vehicles, vessels and boat trailers
- Off-road and mining equipment

### FEATURES

Water resistance

Low temperature performance

Reduced elasticity

Adhesive properties

Transparent lubricating film

### BENEFITS

Enhanced functionality under wet conditions

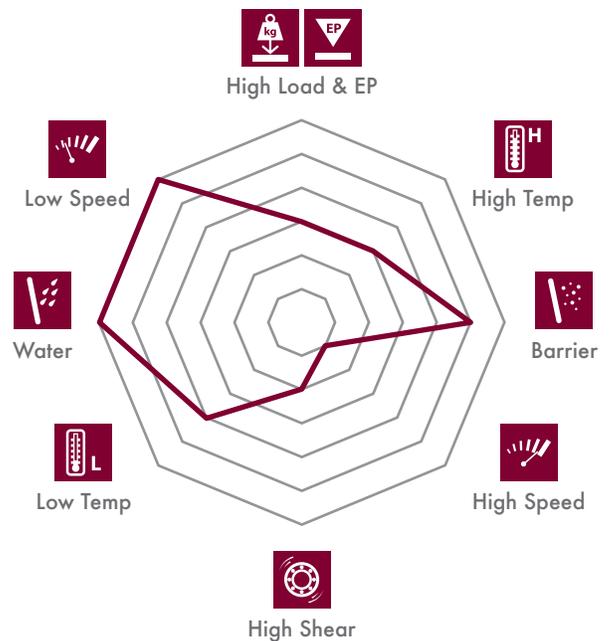
Excellent lubricity at low temperatures

Suitable for use in centralized lubrication systems

Keeps the grease in place in the application

Easy to inspect and maintain

## GREASE PERFORMANCE



## PROPERTIES

Typical Properties		
Thickener		Anhydrous Calcium
Base fluid		Mineral oil / Polymer
Texture		Smooth
Color	Visual	Light Yellow
NLGI Grade	ASTM D 217	2
Dropping point	IP 396	> 140°C / 284°F
Base oil viscosity at 40°C / 104°F	ASTM D 7152	1370 mm <sup>2</sup> /s
Base oil viscosity at 100°C / 212°F	ASTM D 7152	95 mm <sup>2</sup> /s
Penetration 60 strokes	ISO 2137	265 - 295
4-ball weld load	DIN 51350:4	3200 N
Water resistance at 90°C / 194°F	DIN 51807:1	0 - 90
Water wash out at 79°C / 174°F	ISO 11009	< 5%
Emcor salt water	ISO 11007	max 2 - 2
Flow Pressure at -30°C / -22°F	DIN 51805 mod	< 1400 mbar
SKF R2F B at 120°C / 248°F	SKF	Pass
Density	IP 530	900 kg/ m <sup>3</sup>
Temperature range		-30°C to +120°C (Max +130°C) -22°F to +248°F (Max +266°F)

## STANDARD PACKAGING



12 pack 420 ml



Pail 18 kg



Keg 50 kg



Drum 180 kg

**Learn more about the benefits of Hycal**

**Download our AXEL Hycal Brochure here**



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