

# Product Information

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## RENOLIT CSX AWE 0

### Heavy Duty Truck Trailer Wheel End Grease

#### Description

RENOLIT CSX AWE 0 is a full synthetic high performance calcium sulfonate complex semi-fluid grease. RENOLIT CSX AWE 0 provides unsurpassed extreme pressure, anti-wear, corrosion protection, low friction, low bleed and oxidation stability performance in static and dynamic conditions. The robust technology and optimized formulation of this grease support extended component service life.

RENOLIT CSX AWE 0 is versatile allowing it to function at extreme wide temperature range without sacrificing performance or product life expectancy.

#### Applications

RENOLIT CSX AWE 0 is designed for heavy duty truck trailer axle wheel end bearings. This special calcium sulfonate complex soap grease solution provides excellent thermal management for extended bearing life in dynamic conditions.

#### Advantages/ Benefits

- Excellent thermal management
- Excellent load carrying capacity
- Excellent anti-wear performance
- Excellent corrosion resistance
- Low friction and optimized efficiency
- Robust technology & extended service life
- Sustainable & effective grease solution

#### Specifications

Meets Meritor O-699 performance requirements

Consult local sales representative for available package sizes.

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NLGI Grade	0		
Thickener Type	Calcium Sulfonate Complex		
Texture & Color	Smooth, semi-fluid, light brown		
Penetration, Worked (60X)	363	0.1 mm	ASTM D217
Penetration, Worked (100,000X)	380	0.1 mm	ASTM D217
Dropping Point	536+ (280+)	°F (°C)	ASTM D2265
Oxidation Stability, 1000 hours	4	p.s.i.	ASTM D942
Cone Bleed, 100°C 24 hours	< 1	%	ASTM D6184
Corrosion Preventive Properties	Pass	Pass/Fail	ASTM D1743
Modified Roll Stability, 6 hrs, 160°F	+5	0.1 mm	ASTM D1831
USS Mobility - 40°F @ 50 psi	3	g/min.	USS Method
4-Ball Wear	0.45	Mm	ASTM D2266
4-Ball Weld Load	400	Kgf	ASTM D2596
Load Wear Index	60		ASTM D2596
Timken OK Load	45	lb.	ASTM D1264
Wheel Bearing Life Performance	200+	Hours	ASTM D3527
Copper Corrosion	1b	Rating	ASTM D130
Low Temperature Torque			
Starting / Running @ -40°C	0.21 / 0.08	Nm	ASTM D1478
Base Oil Characteristics			
Viscosity @ 100°C	39	cSt	ASTM D445
Viscosity @ 40°C	400	cSt	ASTM D445
Viscosity Index	145		ASTM D227

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We therefore recommend you consult a FUCHS LUBRICANTS CO. Application Engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our Product Information sheets at any time and without warning. With the publication of this Product Information sheet, all previous editions cease to be valid.

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