

Engen Super WB Grease

Automotive Lithium Complex Grease



EXTREME
PRESSURE



CORROSION
PROTECTION



WATER
RESISTANT



HIGH
TEMPERATURE

Description

Engen Super Wheel Bearing (WB) Grease is a superior quality, polymer based lithium complex grease specifically designed for transport industry and automotive wheel bearing applications and has a high level of chemical stability, excellent structural stability, high resistance to water washing and provides maximum protection against wear and shock loads.

Application

Designed for use under severe operating conditions, Engen Super Wheel Bearing Grease is recommended for use in rolling element bearings; especially wheel bearings where high cyclic stresses and shock loading are encountered and the heavy use of disc brakes generate high operating temperatures.

It is recommended for the lubrication of boat trailer wheel bearings in both fresh water and salt water environment and may also be used for general automotive applications such as steering and chassis fittings, grease cups and water pump bearings. Continuous operating temperature range from -15°C to +160°C. Short term exposure up to 200°C.

Benefits

- High resistance to water wash-out and spray off.
- Seals against dust
- Excellent protection against rust and corrosion (especially sea water).
- Long service life and good oxidation stability
- Excellent load carrying ability.
- Good retention under shock loading.

Pack Sizes

- 180kg drum
- 50kg keg
- 18kg pail
- 2 x 5kg in carton
- 10 x 500g carton
- 24 x 400g cartridges in carton

Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.

Engen Petroleum Ltd | Tel: 08600 36436 | Website: www.engenoil.com | Email: 1call@engenoil.com

Typical Physical Characteristics

Property	Test Method	Units	Typical Results Engen Super WB Grease
NLGI Grade	ASTM D217		2.5
Thickener Type			Lithium Complex
Colour	Visual		Green
Penetration, @ 25°C Worked	ASTM D217	0.1 mm	255
Dropping Point	IP 396	°C	280
Viscosity of Base Oil @ 40°C	ASTM D445	cSt	540
Timken OK Load	IP 326	Lbs	60
4-Ball Weld load	DIN 51350:4	N	3000
4-Ball Wear Scar, 40kg/1h	DIN 51350:5	mm	0.4
Oil Separation	ASTM D 1742	%	5
20,000 Strokes Worked Penetration	ASTM D217	% Change	10
Shell Roll Stability – 24hrs	ASTM D1831	% Change	10
Density	IP PM-CS/03	g/ml	0.95
Wheel Bearing Leakage @ 105°C	ASTM D1263	%	5
Wheel Bearing Leakage @ 163°C	ASTM D1263	%	7
Water Spray off	ASTM D4049	%	20
Copper Corrosion	ASTM D4048		1A
Oxidation Stability @ 100hrs	ASTM D942	kPa Drop	50

Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.