

Engen Grease GP and SP

Premium Lithium Automotive Greases



EXTREME
PRESSURE



CORROSION
PROTECTION



WATER
RESISTANT



MULTI
PURPOSE

Description

High quality lithium based multipurpose greases intended primarily for automotive applications. Whilst Engen Grease GP and SP are both manufactured using lithium 12-hydroxystearate soap, SP differs from GP in that it is fortified with molybdenum disulphide solid lubricant additive. These high quality greases have a high level of chemical stability, excellent structural stability, and resistance to water washing and provide maximum protection against wear.

Application

Engen Grease GP is recommended for general automotive applications such as wheel bearings, steering fittings, grease cups and water pump bearings. Operating temperature range from -12°C to +130°C

Engen Grease SP is particularly suitable for applications involving oscillating or limited relative motion and where fretting corrosion is likely to occur. Such applications include chassis lubrication and grease lubricated universal joints (CV Joints). Operational range from -12°C to +130°C.

Benefits

- High resistance to water wash-out.
- Excellent protection against rust and corrosion.
- Long service life and superior wear protection.
- Good retention under shock loading.
- Improved ecological friendly additives
- Formulated with highly refined base stocks

Pack Sizes

Engen Grease GP

- 180kg drum
- 50kg keg
- 18kg pail
- 2x5kg Carton
- 24x400g cartridges

Engen Grease SP

- 180kg drum
- 50kg keg
- 18kg pail
- 2x5kg 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.

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Typical Physical Characteristics

Property Engen Grease	Test Method	Units	Typical Results	
			GP	SP
NLGI Grade	ASTM D217		2	2
Thickener Type			Lithium	Lithium
Colour	Visual		Green/Blue	Grey
Penetration, @ 25°C Worked	ASTM D217	0.1 mm	280	280
Dropping Point	IP 396	°C	192	191
Viscosity of Base Oil @ 40°C	ASTM D445	cSt	190	190
4-Ball Weld Load	DIN 51350:4	N	3000	3000
4-Ball Wear Scar 40kg/1hr	DIN 51350:5	mm	0.5	0.5
Timken OK Load	IP 326	Lbs	60	60
Oil Separation	ASTM D 1742	%	5	5
20,000 Strokes Worked Penetration	ASTM D217	% Change	10	10
Shell Roll Stability – 24hrs	ASTM D1831	% Change	10	10
Molybdenum Disulphide Content	Calculated	%	0	1
Density	IP PM-CS/03	g/ml	0.92	0.92
Wheel Bearing Leakage @ 105°C	ASTM D1263	%	5	5
Copper Corrosion	ASTM D4048		1A	1A
Oxidation Stability @ 100hrs	ASTM D942	kPa Drop	50	50

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