



## Product Data

### **Energrease AP 3**

Lithium soap based grease

#### **Description**

This is a lithium soap base automotive grease of NLGI 3 consistency. It is manufactured from superior quality base stock and special lithium soap fortified with anti-oxidant and anti-rust additive. This grease has extremely good storage and service stability.

#### **Application**

BP Energrease AP 3 grease is suitable for all plain and anti-friction bearings of automotive machinery: Cars, Trucks, Heavy vehicles, etc. and lubrication points where the moving parts are not exposed to very high pressures and shock loads. BP Energrease AP 3 grease maintains an effective lubrication film between contacting surfaces for extended periods, under operating temperature up to 120°C.

#### **Advantages**

Corrosion inhibitor additives ensure protection of metal surfaces extending bearing life.

- Oxidation inhibitors extend the life of the grease in high temperature applications minimising the need for regreasing.
- Water resistance ensures good levels of protection in wet applications.

## Typical Characteristics

Name	Method	Units	Energrease AP 3
Thickener type	-	-	Lithium
NLGI classification	ASTM D217	-	3
Texture	-	-	Smooth
Penetration @ 25°C, Worked Grease	ASTM D217	0.1mm	220 - 250
Drop Point	ASTM D2265	°C	180 min
Alkalinity as Oleic Acid, Grease	IP 37	% wt	0.1 max
Viscosity, Target Base Oil 100°C	ASTM D445	mm <sup>2</sup> /s	10.0 - 12.0
Water Washout @ 80°C	ASTM D1264	%	10 max
Mineral Oil Content	Calculation	% wt	Around 85%
Wheel Bearing Leakage, Greases	ASTM D1263	g	5 max
Corrosion Prevention (Grease)	ASTM D1743	-	To pass
Oil separation	IP 121	% wt	1.5 max

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