



Univar Grease U5 632 EPB

New Polymer Technology Synthetic Grease

Properties

- Univar Grease U5 632 EPB is a polymer-thickened lubricant based on polymer technology in a synthetic fluid and additives – antioxidants, corrosion inhibitors and Extra Protection EP/AW -system.
- **Extreme pressure, Long life lubrication, Inert thickener compatibility to conventional greases and materials, Excellent water resistance, Controlled oil separation, Excellent pumpability for central lubrication systems, Low temperature range, Adaptive friction behavior for low to high speed applications.**

Product Description

Univar Grease U5 632 EPB is a unique high performance synthetic lubricant for a wide variety of applications where low friction and long life is of critical importance. Improved lubrication of sensitive materials such as aluminum, ceramics and elastomers are features of the non-ionic thickener. The new inventive polymer technology in synthetic fluid provides functionality at low to ambient operating temperature and pumpability in centralized lubrication systems. Adaptive friction behavior reduces operating temperature at low to high speed. Enhanced life length due to unique lubrication technology of non-ionic polymer technique.

Applications

- High to low speed rotating - low friction applications, for instance - electrical engines, separators and process fans.
- Critical bearings with vibration in continuous operation and planned maintenance, for instance - wind mills or mining operations.
- Sensitive bearing materials and acidosis, alkaline or wet environments, for instance at paper mills.

Typical data

Thickener	Polymer technology
Base fluids	Synthetic

Colour	Visual	Light Beige
NLGI		2
Penetration 60 strokes	ISO 2137	265 - 295
Viscosity Base Oil @40°C	ISO 12058	260mm/s ²
Viscosity Base Oil @100°C	ISO 12058	34mm/s ²
Dropping point	IP 396	>140°C
4 Ball Weld Load	DIN 51350:4	3200N
Water resistance at 90°C	DIN 51807:1	0
Water wash out at 79°C	ISO 11009	< 10 %
Emcor salt water	ISO 11007	≤ 2 – 2
Copper corrosion 24h@100°C	ASTM D4048	1a
Flow Pressure	DIN 51805 mod	Pass -30°C
SKF R2F B	SKF	Pass 120°C
Density	IP 530	840 kg/m ³
Temperature range		-30°C to +120°C

Health and Safety

Safety Data Sheets is available on www.univar.com. It can also be obtained from your Univar representative.

Used lubricants should be taken to an authorized collection point. Do not discharge into drains, soil or water.

Advice

Advice on applications not covered in this leaflet may be obtained from your Univar representative.

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