

Technical Data

PX MULTIPURPOSE GREASE

Product Description

PX Multipurpose Greases are premium quality multipurpose greases for use in all antifriction and plain bearings subjected to high shock load and vibration conditions. They are used extensively for applications throughout industry and the automotive sector. They are manufactured with Lithium thickener and selected mineral base oils combined with rust, oxidation and corrosion inhibitors and very effective extreme pressure additives.

Applications/ Benefits

The NLGI semi fluid grades which are NLGI 00 and 0, are recommended for 'self-levelling' applications or centralised automatic lubrication systems. Recommended for anti-friction bearings in steel, mining and other heavy manufacturing industries and also in prepacked and sealed for life bearings.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing

- Excellent extreme pressure and anti-wear performance.
- High degree of corrosion protection.
- Multi-purpose grease
- High Shear Stability
- Oxidation Inhibited
- Available in NLGI 00, 0, 1 or 2

Typical Characteristics

<i>NLGI classification</i>	<i>00</i>	<i>0</i>	<i>1</i>	<i>2</i>
<i>Appearance</i>	<i>Smooth grease</i>			
<i>Colour</i>	<i>Pale Brown (Amber)</i>			
<i>Thickener</i>	<i>Lithium soap</i>			
<i>Base oil</i>	<i>Blend of solvent refined mineral oil</i>			
<i>Base oil viscosity @ 40°C (IP71) cSt</i>	<i>250</i>			
<i>Base oil viscosity @ 100°C (IP71) cSt</i>	<i>18.3</i>			
<i>Worked penetration 60 strokes</i>	<i>420</i>	<i>370</i>	<i>325</i>	<i>270</i>
<i>Dropping point (IP132) °C</i>	<i>155</i>	<i>170</i>	<i>180</i>	<i>185</i>
<i>Oil separation (IP121) %</i>	<i>-</i>	<i>-</i>	<i>5</i>	<i>4</i>
<i>Copper corrosion (IP112)</i>	<i>Pass</i>	<i>Pass</i>	<i>Pass</i>	<i>Pass</i>
<i>Resistance to corrosion Emscor (IP 220)</i>	<i>0:00</i>	<i>0:00</i>	<i>0:00</i>	<i>0:00</i>
<i>Water washout (ASTM D1264) @ 39°C %</i>	<i>-</i>	<i>-</i>	<i>4</i>	<i>3</i>
<i>Four Ball Weld Load (IP 239) kgs</i>	<i>315</i>	<i>315</i>	<i>315</i>	<i>315</i>
<i>Timken OK Load lbs</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>
<i>Oxidation stability @ 100°C (IP142)</i>				
<i>Pressure drop after 100 hrs psi</i>	<i>4</i>			
<i>Operating temperature range</i>	<i>105</i>	<i>120</i>	<i>130</i>	<i>135</i>

The information contained in this Product Data Sheet is accurate at the time of printing and is subject to change without prior notice.



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