

Product Information: Absolute HT 220

Description

Absolute HT 220 is a high performance, fully synthetic, extreme pressure lubricating grease, formulated utilising a lithium complex thickener system which incorporates performance additives. The product exhibits excellent anti-wear properties promoted by its low friction coefficient which in turn reduces starting and running torque to improve efficiency. The product also offers excellent protection against corrosion even in extreme environments and offers outstanding mechanical stability across a very wide temperature range.

Applications

Absolute HT 220 can be used across a wide temperature range for the lubrication of plain bearings and roller bearings in industrial, automotive and off-highway sectors.

Performance Features

- Wide temperature range
- Good resistance to aging
- Low friction coefficient
- Improved efficiency
- Excellent anti-wear properties
- Outstanding mechanical stability
- Excellent protection against corrosion

Classification

- KPHC 2 R-40 – DIN 51 502
- ISO-L-X-DDFB 2 – ISO 6743-9

Typical Data

Characteristic	Unit	Result	Method
NLGI Grade	-	2	DIN 51818
Thickener Type	-	Lithium Complex	-
Worked Penetration	1/10 th mm	280	DIN ISO 2137
Colour	-	Ivory	Visual
Dropping Point	°C	285	IP 396
Water Resistance (Eval stage)	-	1 -90	DIN 51807-1
Four Ball Weld Load	Kg	265	ASTM D2596
Copper Corrosion	-	1A	ASTM D4048
Bearing Corrosion	-	Pass	ASTM D1743
Base Oil Viscosity @ 40°C	cSt	220	ASTM D445
Base Oil Viscosity @ 100°C	cSt	25	ASTM D445
Operating Temperature Range	°C	-40 to +180 (+200°C intermittent)	-

Figures based on average production values