



Archem Grease

Premium High Temperature Polyurea Grease

TECHNICAL DATA SHEET

Product Description:

Veol Archem Grease is a premium quality multipurpose, high temperature, extreme pressure polyurea grease that is specially formulated to provide the severe lubrication requirements.

Veedol Archem grease is formulated with high quality base oil, an ashless organic polyurea thickener coupled with rust and oxidation inhibitors and an extreme pressure additive system that is non-corrosive to yellow metals.

Key Features:

- Outstanding thermal and oxidation stability
- Excellent high temperature performance
- Very good resistance to water spray-off and water washout
- High load carrying capacity
- Wide operating temperature range -20°C to 180°C (200°C with frequent greasing)
- Excellent shear stability and long life

Application:

Recommended for

- Cement, construction, automotive, paper, food, general manufacturing, etc.
- Equipment in steel mills and chemical plants
- Industrial applications where a high temperature, long life, extreme pressure grease is required

Typical Properties:

Test Parameter	Test Method	Typical Value
Color	Visual	Light Brown
NLGI Consistency	--	2
Thickener	--	Poly urea
Base Oil	--	Mineral
Kinematic Viscosity of base oil at 40°C; mm ² /s	ASTM D 445	465
Worked Penetration 60 strokes @ 25 °C	ASTM D 217	265 - 295
Drop Point, °C	ASTM D 2265	270
Copper corrosion test, rating, max.	ASTM D 4048	1b
Weld Load, kg	ASTM D2596	315
Water Washout, %	ASTM D1264	0.42

Properties mentioned above are typical only and minor variations which do not affect the product performances are to be expected in normal manufacturing.