



AVF 60 GOLD

Vacuum Fluid



Product Description

AVF 60 GOLD features excellent thermal, oxidative, and hydrolytic stability in applications that require extended life intervals and stability of performances.

The low pour point and high viscosity index makes this product very effective in applications where cold and hot temperature extremes exist.

Product Applications*

Mass Spectrometry Grade Mechanical Vacuum Fluid

Features

- Extreme low water content
- Low pour point with high viscosity index
- Rust and corrosion protection
- Excellent thermal and oxidative stability

Benefits

- High vacuum applications / Minimal vapor pressure
- Better oil flow at start-up / Widest operating temperature range
- Minimize maintenance cost
- Longer oil life / Longer filter life

Health and Safety

Based on available information, AVF 60 GOLD is a non-toxic, non-hazardous product that is not expected to cause any adverse effects when used as designed.

User are advised to follow the recommendation provided in the SDS.

* To ensure proper lubricant selection, please consult your Agilent Vacuum Representative.

Agilent AVF 60 GOLD

Physical Properties

Criteria	Value	Method
Vapor Pressure @ 25°C	1,33·10 ⁻⁷ mbar	ASTM D-2879
Viscosity cSt @ 40°C	53	ASTM D-445
Moisture, ppm	<100	ASTM D-1744
Specific Gravity @ 60°F/15.6°C	0.830	ASTM D-4052
Density, lb/gal	6.92	ASTM D-4052
Flash Point, °F/°C	507/264	ASTM D-92
Pour Point, °F/°C	-74.2/-59	ASTM D-97
Boiling Point, °F/°C	269.6/132	
Viscosity Index	132	

Ordering Information

Description	PN Number
AVF 60 GOLD – 1 quart	X3760-64005

www.agilent.com/chem/vacuum

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