

# VISCOBASE® 11-574

A Synthetic Base Fluid

A RohMax Product



## Function

Lubricating component and base fluid.

## Performance

VISCOBASE® 11-574 offers an effective means of thickening and viscosity index improvement in semi- and all-synthetic lubricants.

VISCOBASE® 11-574 is suitable for the formulation of semi- and all-synthetic high-performance lubricants for the automotive and industrial sector, as well as for the formulation of fully synthetic high-performance engine oils with excellent low-temperature properties.

VISCOBASE® 11-574 shows very good solvency towards common oil additives.

The typical addition rate depends on the application.

## Composition

VISCOBASE® 11-574 is a viscous oligomer derived from alphaolefin and alkyl methacrylate.

## Physical Data

Table 1 lists representative physical properties. (These do not constitute specifications.)

## VISCOBASE® Series 11 Synthetic Base Fluids

**Table 1**

**Typical Physical Properties of  
VISCOBASE® 11-574**

Visual Appearance	Clear
Color (ASTM D1500)	1.5
Viscosity at 40 °C, mm <sup>2</sup> /s (ASTM D445)	9,606
Viscosity at 100 °C, mm <sup>2</sup> /s (ASTM D445)	451
Density at 15 °C, g/cm <sup>3</sup> (ASTM D4052)	0.93
Flash Point, °C (ASTM D92)	210

## Density

The typical density of VISCOBASE® 11-574, as a function of temperature, is given in Figure 1.

## Bulk Viscosity

The bulk handling properties of VISCOBASE® 11-574, as a function of temperature, are provided in Figure 2.

## Additional Information

For additional information on product availability, performance data and Material Safety Data Sheets, please contact your RohMax account manager or Customer Service Representative.

For an overview of our entire VISCOPLEX® and VISCOBASE® product range and complete information on handling and storage, please visit the Products & Applications section on our website [www.rohmax.com](http://www.rohmax.com).

Figure 1 Density vs. Temperature

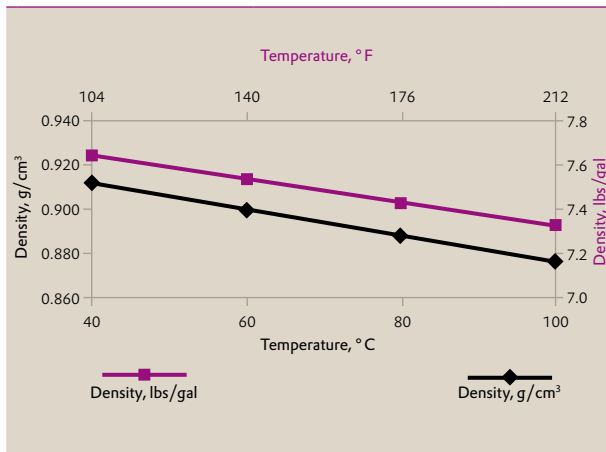
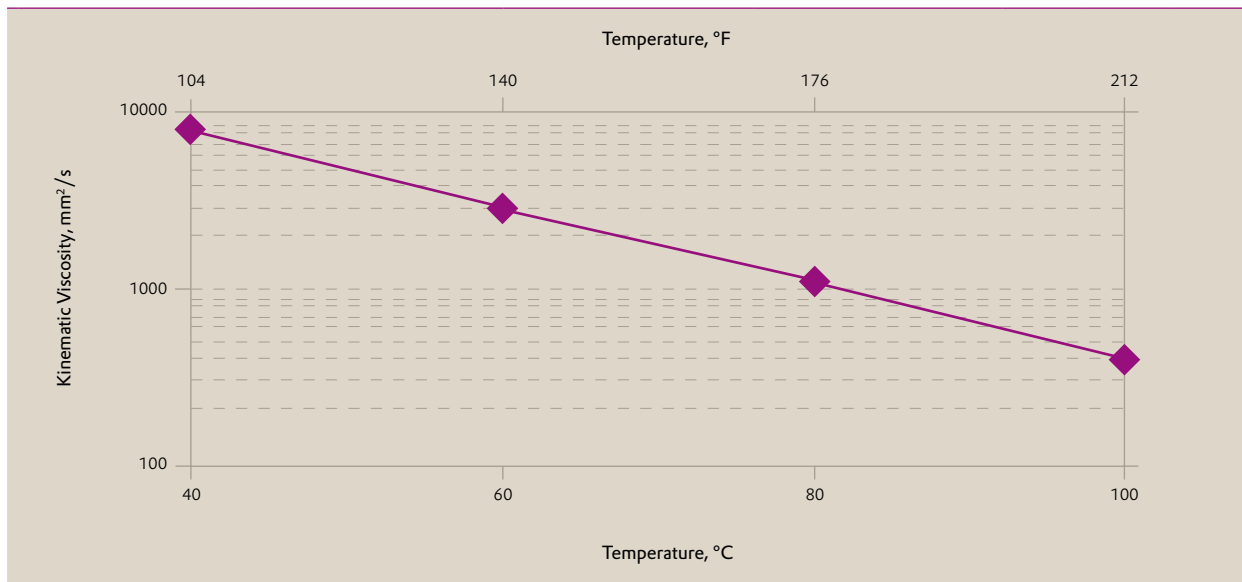


Figure 2 Kinematic Viscosity vs. Temperature



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## Europe, Africa, Mideast:

Evonik RohMax Additives GmbH • Kirschenallee • 64293 Darmstadt • Germany • TEL: +49 61511809

## Americas:

Evonik RohMax USA, Inc. • 723 Electronic Drive • Horsham, Pennsylvania 19044-2228 • TEL: +1 215 706 5800 • TOLL-FREE: 1 888 876 4629

## Asia Pacific:

Evonik RohMax Asia Pacific Pte. Ltd. • 3 International Business Park 07-18 Nordic European Centre • Singapore 609927 • TEL: +65 6899 0080

[info-rohmax@evonik.com](mailto:info-rohmax@evonik.com) • [www.rohmax.com](http://www.rohmax.com)

