

Moving formulation efficiency forward

BASF

We create chemistry



Thickener Explorer Your Digital Solution for Lubricant Formulation

When **speed** matters – BASF's Digital Solutions make the difference. Discover the perfect thickening component for your lubricant formulation with BASF's Thickener Explorer, our new digital formulator. Choose your target application and base stock, then interactively explore key technical properties such as viscosity, shear stability, and thickening efficiency across our portfolio of thickener components. Get the best product recommendations to meet your performance needs with **Thickener Explorer**.



Thickener Explorer
Make the difference

Customer benefits

- Instantly predict viscometric properties and optimize your formulation
- Decrease pre-formulation trial & error
- Access a broad ingredient and formulation database of BASF products, including PMAs, PIBs, PAGs, and ester thickeners
- Seamlessly navigate to our customer portal for additional product information, SDSs, sample requests, and more

Cost Savings



Resource Efficiency



Try it now ...



Thickener Explorer

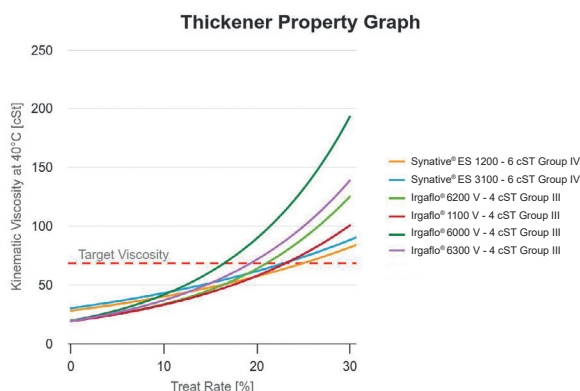
To achieve expert formulation guidance in a few short clicks: choose your application, select your target viscosity, and have your formulation viscometrics instantly at your fingertips.

Thickener Property
Kinematic Viscosity at 40°C

Target Viscosity
68

Base Oil Groups
Base Oil Groups: 3, 4.

Clear Filters



Performance highlights

Apply base oil filters, add or remove products from view, and quickly compare treat rates and properties of BASF products to find your right solution. Explore these applications:

- Automotive & industrial gear oils
- Hydraulic fluids
- Engine oil



Get in contact
with us

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08/2025

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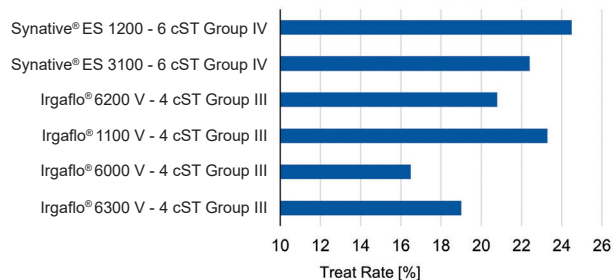
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Lubricant Components

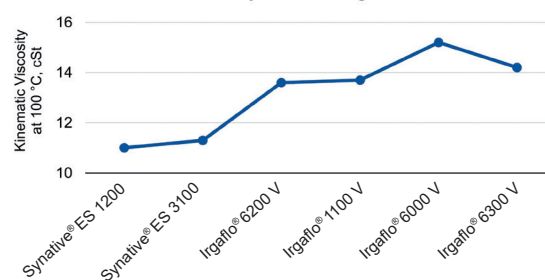
basf.com/lubricant-components

Instantly Determine Formulation Properties

Thickener Treat Rates for Target Viscosity (68 cSt) at 40 °C



Kinematic Viscosity at 100 °C for given Treat Rates



Viscosity Index for Target Formulation

