

Moving cold temperature performance forward



IRGAFLO® Pour Point Depressants Effective solutions to meet low temperature performance targets

When **performance** under harsh weather conditions matters - BASF Lubricant Components make the difference. Modern lubricants are expected to maintain their high performance at a range of different temperatures. Pour point depressants ensure lubricant flowability and efficient functioning at low temperatures. IRGAFLO® Pour Point Depressants are engineered to provide cost-effective solutions for low temperature, modern lubricant requirements across different base stock groups, performance packages and applications.

IRGAFLO® Pour Point Depressants Make the difference

Customer benefits

- Cost-effective technology
- Highly efficient treat rates between 0.1 - 0.5%
- Broad portfolio to meet industry specifications
- Compatibility with IRGAFLO® Viscosity Index Improvers
- Lab-support for optimized performance

Resource Efficiency



Cost Savings



Health and Safety



Renewables





Performance highlights

IRGAFLO® Pour Point Depressants

Our IRGAFLO® PPD range are alkyl methacrylate copolymers in highly refined base stocks, designed to enhance the value of lubricant formulations by lowering pour points and meeting specifications for dynamic low temperature viscosities in automotive formulations. We offer modern test capabilities and tribological equipment, and our technical service is available to help you select the best solution for your requirements.

IRGAFLO® PPDs decrease fluid viscosity at low temperatures and can help reduce formulation costs in many applications, e.g.:

- Hydraulic fluids
- Industrial turbine lubricants
- Compressor oils
- Engine oils
- Transmission lubricants
- Gear lubricants
- E-Mobility fluids

Product range	Application	Viscosity @ 100°C cSt	Group I	Group II	Group III
Irgaflo® 610 P	More refined base oils & cost effective	20-80	■ ■	■ ■	■ ■
Irgaflo® 649 P	Broadly applicable	40-100	■ ■	■ ■ ■	■ ■ ■
Irgaflo® 710 P	High viscosity base oils	40-100	■ ■ ■	■	■
Irgaflo® 720 P	Broadly applicable	40-100	■ ■	■ ■	■ ■ ■
Irgaflo® 820 P	Broadly applicable	100-400	■ ■ ■	■ ■ ■	■ ■ ■
Irgaflo® 942 P	Challenging high viscosity base oils	500-1000	■ ■ ■	■ ■	■ ■

■ ■ ■ Best performance
Typical values may vary

■ ■ Good performance

■ Adequate performance

Biomass balance/ BMBcert™ available



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Lubricant Components

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