

SIP

SPECIALITY OILS AND FLUIDS



CATALOGUE

**Specialist base oils
and additives for
the most demanding
applications**

- Medicinal and technical white oils
- Metalworking and quenching oils
- Premium low-viscosity base oils
- Iso and n-paraffins
- Plant protection oils
- Explosive diluents
- Specialist additive components
- Drilling oils
- Environmentally acceptable base oils

- ✓ **More than 35 years' experience**
- ✓ **Supply and support across EMEA**
- ✓ **Stringent quality management**
- ✓ **ISO 9001 accredited**
- ✓ **Logistics hubs in NW Europe and the UK**
- ✓ **In-house technical and operations team**

SIP SPECIALITY OILS AND FLUIDS

For more than 35 years SIP Speciality Oils and Fluids has been a respected and recognised independent marketer and distributor. Based in London, we have been supplying customers in Europe and the wider African and Middle Eastern markets for many years. SIP has one of the most comprehensive product portfolios, covering a wide range of base fluids for many product applications. We are especially known for our extensive

viscosity range of mineral white oils with Halal and Kosher approvals, and our premium oils for industrial and drilling applications. We manage our own vessel and road tanker operations in-house, based around our storage hubs in North West Europe and the UK. We pride ourselves on our ability to deliver where our competitors cannot, with tight lead times. We support unusual viscosity grades, and we have our own experienced in-house technical support and operations team who offer a bespoke service.

See how we can help your business
+44 (0)20 7717 0100 enquiries@sip.com www.sip.com

SIPMED

MEDICINAL WHITE OILS

- Premium medicinal white oils for the most demanding pharma applications
- The largest viscosity range in industry, 24 grades between ISO 3 and ISO 100
- European and US Pharmacopoeia compliant; NSF HX-1 & H1 registered; kosher and halal certified

SIPTECH

TECHNICAL WHITE OILS

- Premium colourless technical white oils with low impurities and low toxicity levels
- Ideally suited for textile oils, dedusting, silicone sealants and food grade applications
- US FDA 178.3620(b) compliant

SIPMET

METALWORKING AND QUENCHING OILS

- Highly refined base stocks, with all impurities removed to minimise health and safety risk to the user
- Specifically designed for formulating premium neat metal working fluids
- Low NOACK volatility; negligible PAH content; colourless and odourless

SIP ID

LOW VISCOSITY PREMIUM BASE OILS

- High quality base oils for use in premium industrial and automotive lubricants
- Excellent oils for blending shock absorber fluids, automatic transmission fluids and aviation hydraulic fluids
- High levels of oxidative and thermal stability; excellent low temperature fluidity and low volatility

SIPBASE

BASE OILS FOR GENERAL APPLICATIONS

- High quality base oils with mineral, semi-synthetic and synthetic characteristics
- Excellent oils for blending general automotive and industrial lubricants in a wide range of viscosities
- Selection of API Group I, I+, II, II+, III and III+ oils with a variety of VI, volatility and pour point characteristics

SIPPRO

SILICONE SEALANT AND ADHESIVE BASE FLUIDS

- High quality paraffinic and naphthenic process oils designed for formulating professional and domestic silicone sealants, hot melt and pressure sensitive adhesives
- Exceptional solvency with a variety of viscosities, pour points and volatilities which can be used to meet specific formulation needs
- Ultra-low levels of sulphur and aromatics, excellent UV stability and reduced yellowing

SIPPAR

ISO AND N-PARAFFINS

- The range comprises both iso- and normal paraffins with narrow distillation ranges
- The normal paraffins are clean burning with low odour, exceptionally low toxicity and therefore well suited for lamp oils and BBQ fluids
- The isoparaffins have extremely low pour points and good oxidation stability, and are key ingredients in coatings, car care and metalworking fluids

SIP D

DEAROMATISED SOLVENTS

- Mineral-origin solvent with only trace aromatics, with a variety of flash points
- These solvents are economic blending components for hand cleansers and industrial uses in rolling oils, corrosion prevention fluids and for paints and inks
- Sulphur at ppm level; aromatics less than 0.1%; mild odour

SIPDRILL

DRILLING FLUIDS

- This range comprises linear paraffins for high temperature and high pressure applications and Iso-paraffinic rich streams available for cold climate conditions
- These drilling oils specifically suited to mud formulations where low toxicity and biodegradability are a must
- CEFAS and OCNS registered for use in offshore drilling operations

SIPSPRAY

PLANT PROTECTION OILS

- High purity oils with a narrow distillation range which are readily emulsifiable for effective pest control
- Products exhibit low phytotoxicity and have an optimised viscosity for retention on plants
- Very high unsulphonated residue levels; meets requirements of US citrus spray oil specifications

SIPEX

EXPLOSIVE DILUENTS

- A range of hydrocarbon diluents for ammonium nitrate fuel oil (ANFO) and emulsion explosives
- Very suitable for underground mining applications due to its low odour and low explosive emissions
- Low impurity levels for excellent emulsion stability; low pour points enable good cold climate handling

SIPADD

ADDITIVE COMPONENTS

- An expanding range of chemical components to boost or modify performance of automotive products
- Zinc dialkyl dithiophosphates for anti-wear and oxidation protection
- High base calcium sulphonate to provide superior detergency
- Calcium phenate detergent for both detergency and oxidative stability

SIP SPECIALITY OILS AND FLUIDS ALSO PROUDLY MARKETS THE FOLLOWING SPECIALIST PRODUCTS:

TRANSOL
Insulating Oils For Transformers

bioTRANSOL
efficient | safe | eco-friendly
A Natural Ester Based Dielectric Fluid

TRANSOL Synth
efficient | safe | eco-friendly
Synthetic Ester Based Dielectric Fluid

Biobase

DIELECTRIC FLUIDS FOR TRANSFORMERS

- **TRANSOL GE** is a Type B uninhibited naphthenic oil designed to meet specifications as per IEC 60296:2020
- **TRANSOL GEX** is a Type B inhibited naphthenic oil designed to meet specifications as per IEC 60296:2020
- **TRANSOL HGX** is a Type A inhibited grade of transformer oil tailored for demanding applications in EHV and UHV transformers
- **bioTRANSOL-HF** is a natural ester-based dielectric fluid derived from renewable vegetable oils providing an eco-friendly alternative to conventional mineral oils
- **TRANSOL Synth.100** is a synthetic ester dielectric fluid engineer for robust design and long life performance of transformers

BIO-BASED AND RENEWABLE TECHNICAL FLUIDS

- **BIO-BASE** is a series of bio-based low viscosity base fluids for industrial lubricants, offering high solvency, high biodegradability and viscosity index, and an excellent response to antioxidants
- **BIO-VYBE** is a series of renewable high viscosity base fluids based on natural and modified esters lubricants
- **BIO-SOL** is a series of bio-based solvents for use in degreasers, functional fluids and lubricants. The range covers a range of solvency properties and is very low in VOCs
- **BIO-REEF** is a general application base oil built on a combination of bio-based and re-refined components. It has high VI, low pour point, low volatility and saves ca. 50% in carbon footprint compared to virgin mineral oil

