



SIP ID

A range of high quality base oils for use in premium automotive and industrial lubricants plus speciality applications

- Electric Vehicle coolants
- Premium hydraulic oils
- High VI subsea hydraulic oils
- Shock absorber fluids
- Automotive central hydraulic fluids
- Automatic transmission fluids
- Premium silicone sealants

- ✓ **Very high purity**
- ✓ **Extremely low aromatics & sulphur**
- ✓ **Oxidatively & thermally stable**
- ✓ **Excellent low temperature fluidity**
- ✓ **Low volatility**
- ✓ **Colourless & odourless**
- ✓ **Good additive compatibility**

The SIP ID range are refined by an exacting process which includes hydrocracking and hydrotreating, to yield base oils of synthetic quality. Therefore they provide outstanding thermal and oxidative stability, low volatility with excellent low temperature properties. In addition, they are colourless, odourless and the special refinery process means that they have very low sulphur and aromatics content.

This provides formulations that have reduced oil consumption, longer oil life, less equipment maintenance, operation at a wide variety of temperatures, improved occupational

health and safety and excellent response to additives.

Lubricant blends where SIP ID base oils have been used successfully, include a range of high performing hydraulic oils, Automatic Transmission Fluids (ATFs), Shock Absorber Fluids (SAFs) and are now being considered for EV coolants. They have also been used in specialty products, such as premium silicone sealants and transformer oils.

Because of their high quality, they are particularly useful in helping to minimise the amount of expensive synthetic oils, such as PolyAlpha Olefins (PAOs).

SIP ID APPLICATION HIGHLIGHTS

One application area that SIP has worked on over many years, is for the use of SIP ID base oils in Shock Absorber Fluids (SAFs). To meet the varied and demanding requirements of the OEMs, careful selection of base oils is required, and blends developed, usually with a Viscosity Modifier (VM) to meet high VIs specified. SIP has established blends with a wide range of viscosities, VIs, pour points and volatilities to meet these very varied requirements.

SIP ID PRODUCT PORTFOLIO

Characteristics	ID 4	ID 7	ID 9	ID12	ID 20
Viscosity @ 40°C (cSt)	3.8	7.5	8.9	12	19.5
Pour Point (°C)	-48	-42	-42	-33	-18
Flash Point (COC) (°C)	125	165	180	195	230
Sulphur Level (ppm)	<10	<10	<10	<10	<10
Noack Volatility, 200°C (%)	-	20	16	6	3

The above data is typical and may not fully reflect the product specification

SIP ID PRODUCT APPLICATIONS

Applications	ID 4	ID 7	ID 9	ID 12	ID 20
EV coolants	●				
Aviation Hydraulic	●	●			
Automotive Hydraulic	●	●	●		
Subsea Hydraulic Oils	●	●	●		
Shock Absorber Fluids	●	●	●	●	
Auto transmission Fluids				●	●
Compressors					●
Silicone Sealants	●	●	●	●	
Industrial Gears					●
Transformer Oils			●	●	



SIP SPECIALITY OILS AND FLUIDS

For more than 30 years SIP Speciality Oils and Fluids has been a respected and recognised independent marketer and distributor. Based in London, we have been supplying demanding 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 range of viscosity grades of mineral white oils with Halal, Kosher and Vegan approvals, and our premium oils for industrial and drilling applications. We manage our own vessel and road tanker operations in-house, based around our own storage hub in North West Europe. We pride ourselves on our ability to deliver where our competitors cannot by giving you tight lead times, support for unusual viscosity grades, and our own experienced in-house technical services and operations team who offer a bespoke service.

SIP SPECIALITY OILS AND FLUIDS

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