

# SIPTECH

## White Technical Oils 8 to 24 cSt

### SIP LTD

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SIP Ltd is a leading supplier of speciality base oils and fluids throughout Europe, Africa and the Middle East.

SIP oils and fluids are used in a wide variety of applications, including metal working fluids, transmission oils, drilling fluids and in pharmaceutical and cosmetic preparations

SIP maintains over 20,000 MT storage capacity within Europe and can deliver products by ship, road tanker, barge, iso container, flexibag and drums. Independent inspectors certify that all products meet quality guarantees.

SIP has ISO 9001:2008 accreditation.

### SIPTECH Technical White Oils

The SIPTECH 8 - 24 oils are cost effective process / technical white oils for customers requiring non-toxic, odourless, water white products..

Applications for these fluids include wax and polymer solubilisation, textile, dedusting and concrete mould release oils.

Other viscosity oils in the series are also available, details of which can be found in the SIPTECH 1 - 5 and 35 - 100 brochures.

### Features of the SIPTECH 8 to 24 Series.

- Health and Safety. SIPTECH technical white oils are non-toxic as they have only trace levels of polycyclic aromatics. This enables them to be used in food grade lubricants meeting NSF H1 & HX1 performance for incidental food contact.
- Colourless. The purity of the SIPTECH oils is demonstrated by their "water white" +30 Saybolt colour.
- Odourless. SIPTECH base fluids do not have the oily smell characteristic of solvent neutral and naphthenics oils.
- Volatility and Flash Point. Relatively low volatility and high flash points compared with solvent neutral base stocks of equivalent viscosity.
- Superior Oxidation Characteristics. SIPTECH base oils can provide exceptionally good oxidation stability, when combined with the appropriate additives, to provide superior performance to that of traditional solvent refined base stocks.

## Typical Qualities of SIPTECH Series of Technical White Oils, 8 to 24 cSt.

		Product	SIPTECH 8	SIPTECH 10	SIPTECH 15	SIPTECH 20	SIPTECH 24
Viscosity at 40°C, Viscosity at 100 °C,	cSt	ASTM Method D445	8.1	10.1	15.0	20.1	24
	cSt		2.3	2.7	3.5	4.1	4.7
Flash point - COC	°C	D92	156	162	170	176	182
Pour point	°C	D97	-9	-12	-15	-15	-15
Density at 15°C	kg/l	D1298	0.856	0.858	0.862	0.864	0.865
Aniline point	°C	D611	91.8	95.4	100.6	103.7	105.5
Carbon type analysis		D2140					
	Aromatics	C <sub>A</sub> %	<1	<1	<1	<1	<1
	Naphthenics	C <sub>N</sub> %	43	42	42	42	38
	Paraffinics	C <sub>P</sub> %	57	58	58	58	62
Sulphur	ppm	D3120	<5	<5	<5	<5	<5
Colour	Saybolt	D 156	+30	+30	+30	+30	+30
Odour			Very mild			Odourless	
Appearance					Clear and bright		

Detailed product specifications are available on request from SIP.

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