

SIPTECH FDA b

White Technical Oils
15, 20 & 24 cSt

SIP LTD

Westminster Tower
3, Albert Embankment

London, SE1 7SP

Tel: +44 (0) 20 7717 0100

Fax: +44 (0) 20 7717 0105

E mail: technical@sip.com

Web site: www.sip.com

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SIP LTD

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 15, 20 and 24 oils are cost effective process / technical white oils for customers requiring non-toxic, odourless, water white products. They typically meet FDA 21 CFR 178.3620 (b) and 573.680 regulations. Applications for these fluids include wax and polymer solubilisation, textile, dedusting and concrete mould release oils.

Data on non FDA b versions of these oils can be found in the **SIPTECH 8-24** brochure. 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 15, 20 and 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; 15, 20 and 24 cSt.

		Product	SIPTECH 15 FDA b	SIPTECH 20 FDA b	SIPTECH 24 FDA b
	ASTM Method				
Viscosity at 40°C,	cSt	D445	15.0	20.1	24
Viscosity at 100 °C,	cSt		3.5	4.1	4.7
Flash point - COC	°C	D92	170	176	182
Pour point	°C	D97	-15	-15	-15
Density at 15°C	kg/l	D1298	0.862	0.864	0.865
Aniline point	°C	D611	100.6	103.7	105.5
Carbon type analysis		D2140			
	Aromatics	C _A %	<1	<1	<1
	Naphthenics	C _N %	42	42	38
	Paraffinics	C _P %	58	58	62
Sulphur	ppm	D3120	<5	<5	<5
Colour	Saybolt	D 156	+30	+30	+30
Odour				Odourless	
Appearance				Clear and bright	

meet FDA 21 CFR 178.3620 (b) and FDA 21 CFR 573.680 regulations.

Detailed product specifications are available on request from **SIP**.
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