

SIPTECH

Technical White Oils 35 to 100 cSt

SIP LTD

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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 range of cost effective process / technical white oils, offer non-toxic, odourless, water white performance. They meet FDA 21 CFR 178.3620 (b) and FDA 21 CFR 573.680 regulations and NSF H1 and HX1 requirements. Applications for these fluids include wax and polymer solubilisation, textile oils, cable gels, petroleum jelly and heat treatment oils.

Oils from 1.7 cSt to 24 cSt @ 40 °C are also available, details of which can be found in the SIPTECH 1 – 5 and 8 - 24 brochures.

Features of the SIPTECH 35 to 100 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 conforming to the NSF H1 and HX1 performance for incidental food contact.
- **Colourless:** The purity of the SIPTECH products 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.
- **High Thermal Stability:** This property of the SIPTECH oils make them ideal for formulating heat transfer fluids.

Typical Qualities of SIPTECH Series of Technical White Oils, 35 to 100 cSt.

		Product:	SIPTECH 35	SIPTECH 46	SIPTECH 68	SIPTECH 100
		ASTM Method				
Viscosity at 40°C,	cSt	D445	35.4	46.1	68.1	96.0
Viscosity at 100 °C,	cSt		5.8	6.9	8.9	11.2
Flash point - COC	°C	D92	220	220	235	250
Pour point	°C	D97	-15	-12	-12	-15
Density at 15°C	kg/l	D1298	0.864	0.865	0.866	0.874
Aniline point	°C	D611	113.5	116.0	123.2	124
Carbon type analysis		D2140				
	Aromatics	C _A %	<1	<1	<1	<1
	Naphthenics	C _N %	38	35	32	35
	Paraffinics	C _P %	62	65	68	65
Sulphur	ppm	D 3120	<5	<5	<5	<5
Colour	Saybolt	D 156	+30	+30	+30	+30

Odour
Appearance

Odourless
clear and bright

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

Formal NSF H1 and HX1 registrations have been obtained for SIPTECH 35, 68 & 100 for acceptance as food grade oils and ingredients respectively



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

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