

SIPTECH

White Technical Oils 1 to 5 cSt

SIP LTD

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Aug 2011



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, low odour, water white performance. Applications for these SIPTECH oils include printing ink solvents, mould release oils and aluminium cold rolling oils.

Oils from 8 cSt to 100 cSt @ 40 °C are also available, details of which can be found in the SIPTECH 8 - 24 and 35 -100 brochures.

Features of the

SIPTECH 1 to 5 Series.

- **Health and Safety.**
SIPTECH technical white oils are non-toxic as they have only trace levels of polycyclic aromatics
- **Colourless.**
The purity of the SIPTECH oils is demonstrated by their "water white" Saybolt Colour value of +30.
- **Distillation characteristics.**
Low evaporation loss can be important for the applications that the SIPTECH 1 to 5 series are used in. The narrow distillation range of this series provides excellent performance in this area.
- **Flash points.**
The flash points of the series are above average for these types of products.

Typical Qualities of SIPTECH Series of Technical White Oils, 1 to 5 cSt.

		Product:	SIPTECH 1	SIPTECH 2	SIPTECH 4L	SIPTECH 4LV	SIPTECH 5L
		ASTM Method					
Viscosity at 40°C, cSt		D445	1.73	2.4	4.0	4.7	6.0
Viscosity at 100 °C, cSt			0.8	1.0	1.5	1.6	1.9
Flash point – COC, °C		D92	-	-	-	130	158
Flash point – PMCC, °C			76	104	110	-	-
Pour point, °C		D97	Below -30	-33	-15	-15	-6
Density at 15°C, kg/l		D1298	0.810	0.817	0.840	0.845	0.854
Aniline point, °C		D611	72	76.8	84.5	84.5	86.5
Carbon type analysis, %wt		D2140					
	Aromatics	C _A	-	-	<1	<1	<1
	Naphthenics	C _N	-	-	43	40	45
	Paraffinics	C _P	-	-	57	60	55
Distillation, °C	IBP		200	233	-	-	-
	50%		220	245	-	-	-
	FBP		255	269	-	-	-
Sulphur, ppm		D 3120	<5	<5	<5	<5	<5
Saybolt Colour		D 156	+30	+30	+30	+30	+30
Odour					Very mild		
Appearance					Clear and bright		

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

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