

SIPLUBE S

Hydrotreated base oils for Premium Industrial Lubricants

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, turbine and 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.

SIPLUBE S Series

The SIPLUBE S Series of base fluids can be used to blend ISO 32, 46, 68 and 100 high performance industrial oils, meeting a variety of premium lubricant specifications.

These hydrotreated, hydrocracked stocks with only traces of sulphur, Viscosity Indices around 100 and high paraffinic contents, classifying them as Group II base stocks.

Features of the SIPLUBE S Series.

- Excellent Oxidation Performance. SIPLUBE S base oils, combined with the appropriate additives, will provide excellent oxidation stability when compared to conventional solvent refined base oils. This will provide very long life with lower sludge levels in turbine oils. A TOST life of over 10,000 hours can be expected.
- Health, Safety and Toxicity.
SIPLUBE S oils are non-toxic, with only trace levels of polycyclic aromatics. FDA approved additives allow the production of lubricants meeting NSF H1 requirements for incidental food contact.
- Colourless.
The purity of SIPLUBE S products is demonstrated by their "water white" +30 Saybolt colour.
- Low Volatility.
This is an inherent quality due to the high paraffinic content of the oils. At the same viscosity, they have higher boiling points than naphthenic and aromatic oils.

Typical Qualities of SIPLUBE S Series

			SIPLUBE 35S	SIPLUBE 46S	SIPLUBE 68S	SIPLUBE 100S
		ASTM method				
Viscosity at 20°C,	cSt	D445	99	132	235	376
Viscosity at 40°C,	cSt	D445	35.9	46.1	74.7	109.7
Viscosity at 100°C,	cSt	D445	5.8	6.9	9.5	12.0
Viscosity Index		D2270	103	105	103	97
Flash point - COC	°C	D92	220	220	260	272
Pour point	°C	D97	-15	-15	-15	-12
Density at 15°C,	kg/l	D1298	0.864	0.865	0.868	0.872
Aniline point,	°C	D611	112.5	116	122	125
Carbon type analysis, %		D2140				
Aromatics, C _A			0	0	0	0
Naphthenics, C _N			38	38	34	32
Paraffinics, C _P			62	62	66	68
Sulphur,	ppm		<10	<10	<10	<10
Colour ,		D 1500	0.5	0.5	0.5	0.5
Total Acid Number, mgKOH/g		D974	<0.01	<0.01	< 0.01	<0.01
Noack Volatility at 250 °C, % wt		D5800	13.2	10.5	3.6	2.6

The above products are API Group II oils that typically meet FDA 21 CFR 178.3620 (b).

Detailed product specifications are available on request from SIP.

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