



Shaikh[®] Petroleum
An ISO 9001:2015 Certified Company

CERTIFICATE OF ANALYSIS

PRODUCT NAME: BASE OIL (ALL GRADE)

SR.NO	VISCOSITY GRADE TEST	-	METHOD	8	12	15	20	32	50	68	100
	DENSITY @ 29.5°C, G/ML	RANGE		0.810-0.842	0.815-0.855	0.820-0.860	0.821-0.860	0.825-0.865	0.825-0.870	0.845-0.880	0.850-0.880
		TYPICAL	ASTM D 1298	0.816	0.821	0.835	0.827	0.847	0.835	0.853	0.854
1	KINEMATIC VISCOSITY, CST AT 40°C		ASTM D 445	8.5	12.9	15.5	20	32	49	70	100
2	KINEMATIC VISCOSITY, SUS AT 40°C		ASTM D 2161	56	72	85	104	152	245	340	500
3	REFRACTIVE INDEX @ 20°C		ASTM D 1218	1.476	1.476	1.4764	1.4765	-	-	-	1.4775
4	CLOUD POINT °C MAX		ASTM D 97	-12	-9	-9	-9	-6	-6	-6	-6
5	POUR POINT °C MAX		ASTM D 97	-39	-24	-24	-15	-18	-18	-15	-12
6	FLASH POINT °C MIN		ASTM D 92	154	-166	174	186	210	240	246	248
7	COLOUR, SAYTBOLT		ASTM D 156	30	30	30	30	30	30	30	30
8	VISCOSITY INDEX (VI)		ASTM D 2270	90 MIN	95 MIN	95 MIN	98 MIN	105 MIN	99 MIN	95 MIN	95 MIN

Contact our sales person for product details, application's, MSDS, and specification.

Disclaimer- The above specifications are typical and may vary within limits from batch to batch. Analyses are performed on representative samples and not the actual product shipped. We based the information on data believed to be reliable on the date compiled. But we do not represent, warrant, or otherwise guarantee expressly or implied the merchantability, fitness for a particular purpose, suitability, accuracy, reliability or completeness of this information or the products, material or process described. The user is solely responsible for all determination regarding any use of the material or product in its territories of interest.

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