

CROSS B-SERIES

BASE OILS

Cross B Series are severely hydro treated naphthenic base oils manufactured from select crude streams. They offer low pour point good solvency and color stability. They are ideal for use in lubricant applications including hydraulic oils, bar & chain oils, and grease.

Property	METHOD ASTM	40	60	100	150	200	750	2000	2400
Viscosity, cSt @ 40C	D445	4.87	9.65	20.08	29.9	41.08	143.9	369.0	472.0
Viscosity, cSt @ 100C	D445	1.55	2.39	3.64	4.65	5.39	11.45	18.9	23.69
Viscosity, SUS @ 100F	D2161	42.9	60.2	106.6	155.5	218	768.3	2021	2579
Viscosity, SUS @ 210F	D2161	31.3	34.3	38.6	41.9	44.4	65.7	97.0	117.5
Viscosity Index	D2270	-	45	29	48	31	50	33	53
Gravity, API	D4052	26.7	25.5	24.2	24.0	22.1	21.8	21.0	20.9
Gravity, Sp., 15.6°C (60 °F)	D1250	.8944	.9013	.9088	.9100	.9212	.9236	.9279	.9285
Weight, Lb./Gal.	D1250	7.451	7.505	7.571	7.577	7.671	7.691	7.727	7.732
Flash, °C / °F	D92	114 (243)	138 (280)	149 (300)	165 (329)	150 (300)	212 (414)	241 (465)	227 (440)
Color	D1500	L 0.5	L 1.0	L 1.5	L 1.5	L 1.0	L 2.0	L 3.0	L 3.0
Sulfur, % Weight	D4294	0.03	0.06	0.07	0.06	0.10	0.10	0.20	-
Pour Point, °C / °F	D97	-68 (-90)	-57 (-70)	-43 (-45)	-37 (-35)	-37 (-35)	-21 (-5)	-7 (+19)	-12 (+10)
Aniline Point, °C / °F	D611	61 (142)	69 (156)	77 (171)	78 (172)	81 (178)	91 (196)	92 (198)	-
DMSO Extract, wt.%	IP-346	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice.

Health And Safety Information See separate Safety Data Sheets available on request.

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