

FLUID D

LOW VOLATILE ALIPHATIC FLUIDS - DEAROMATIZED

Typical values 

PROPERTIES	UNITS	METHODS	FLUID D 115	FLUID D 120	FLUID D 130	FLUID D 140	FLUID D 160
DENSITY AT 15°C (59°F)	kg/m ³	ASTM D4052	816	815	814	814	815
SAYBOLT COLOR	Unit Saybolt color	ASTM D6045	+30	+30	+30	+30	+30
BOILING RANGE: INITIAL POINT	°C (°F)	ASTM D86	248 (478)	254 (489)	276 (529)	288 (550)	302 (576)
FINAL POINT			277 (531)	327 (621)	323 (613)	335 (635)	351 (664)
FLASH POINT	°C (°F)	ASTM D93	115 (239)	120 (248)	135 (275)	145 (293)	160 (320)
AROMATIC CONTENT	mg/kg (ppm)	UV Internal method	30	50	60	70	140
BENZENE CONTENT	mg/kg (ppm)	ASTM D6229	< 1	< 1	< 1	< 1	< 1
SULPHUR CONTENT	mg/kg (ppm)	ASTM D5453	< 1	< 1	< 1	< 1	< 1
ANILINE POINT	°C (°F)	ASTM D611	83 (181)	89 (192)	93 (199)	95 (203)	100 (212)
POUR POINT	°C (°F)	ASTM D97	-40 (-40)	-25 (-13)	-18 (0)	-11 (12)	0 (32)
VAPOR PRESSURE AT 20°C (68°F)	kPa	Calculated	0.0008	0.0004	0.0001	< 0.0001	< 0.0001
VISCOSITY AT 40°C (104°F)	mm ² /s	ASTM D445	2.9	3.5	4.1	4.8	6.0

CARBON CHAIN LENGTH HSPA	C14 – C18	C14 – C18	C16 – C20	C16 – C20	C16 – C20
CAS NUMBER	64742-46-7 (R)	64742-46-7 (R)	64742-46-7 (R)	64742-46-7 (R)	64742-46-7 (R)
EC NUMBER	927-632-8	927-632-8	919-029-3	919-029-3	919-029-3

Data provided in this table is issued in good faith to the best of our knowledge, but no warranty, expressed or implied is given.
R: Related CAS number.