

Shell LVI 54 B

Naphthenic low viscosity index base oil



Shell LVI base oils are a range of severely hydrotreated, non R45-labelled naphthenic base oils with low pour points and high solvency properties. They are excellent blend components for use in speciality lubricants, metalworking oils and functional fluids.

Typical Physical Characteristics

			LVI 54 B	LVI 54 B Specification
Appearance			bright&clear	bright&clear
Colour (ASTM)		ASTM D 1500	0,5	max 1.0
Density at 15 °C	kg/m3	ASTM D 1298	903	
Flashpoint PMCC	°C	ASTM D 93	165	
Flashpoint COC	°C	ASTM D 92	172	min 168
Pour Point	°C	ASTM D 97	-45	max -33
Kinematic Viscosity at 40°C	mm2/s	ASTM D 445	22	20.5 - 24.0 (*)
Kinematic Viscosity at 100°C	mm2/s	ASTM D 445	3,7	
Viscosity Index		ASTM D 2270	< 20	
Acid Value	mgKOH/g	ASTM D 974	< 0.03	max 0.05
PCA Content	%m/m	IP 346	max 2.9	max 2.9

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.