



# Shell Catenex Oil T 121

## *High quality paraffinic process oil*

Shell Catenex T Oils are highly refined hydrotreated paraffinic process oils, which are virtually colourless and sulphur free. These oils are highly saturated, free of aromatics and polar compounds. Catenex T Oils are odourless and are recommended for use in process oil applications where colour stability, low volatility and low sulphur levels are required. These highly refined oils are ideal for use as process oils in rubber, elastomer, plastic, adhesive and numerous other manufacturing processes.

### Health & Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

### Typical Physical Characteristics

		<b>Catenex T 121</b>
Colour (ASTM)	ISO 2049	<0.5
Colour (Saybolt)	DIN 51411	+30
Density at 15 °C	kg/m <sup>3</sup> ISO 12185	855
Refractive Index at 20 °C	ASTM D 1218	1.469
Flashpoint COC	°C ISO 2592	209
Pour Point	°C ISO 3016	-15
Kinematic Viscosity	ISO 3104	
at 20 °C	mm <sup>2</sup> /s	53.7
at 40 °C	mm <sup>2</sup> /s	19.4
at 100 °C	mm <sup>2</sup> /s	4.05
Dynamic Viscosity at 20 °C	mPa.s	calculated 45.7
Viscosity Index	DIN ISO 2909	105
Carbon Type Distribution	DIN 51378 /	
C/A (S-corr.)	% ASTM D 2140	0
C/N (S-corr.)	% mod.	34
C/P (S-corr.)	%	66
Refractive Intercept	DIN 51378	1.043
Viscosity Gravity Constant (VGC)	DIN 51378	0.804
Sulphur (X-Ray)	%m/m ISO 14596	<0.001
PCA-Content (DMSO method)	%m/m IP 346	< 3.0

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