

			Light oil WOD	SN 85	SN 150 (SAE 10/95)	SN 350	SN 500K (SAE 30/90K)	SN 500 (SAE 30/90)	BS 150
MOL Quality ID MOL_			MOL_0702_101/1	MOL_0712_111/4	MOL_0732_100/1	MOL_0772_101/7	MOL_0782_100/1	MOL_0782_101/9	MOL_07B2_121/4
Property	Test Standard	Unit of measure							
Appearance at 25°C	Visual inspection		Transparent, sediment free						
Density at 15°C	ISO 12185	g/cm ³	REPORT	REPORT	REPORT	REPORT	REPORT	REPORT	REPORT
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	14.0-19.5	14.0-18.0	28.0 - 35.0	60.0 - 70.0	80.0 - 120.0	90.0 - 120.0	REPORT
Kinematic viscosity at 100°C	ISO 3104	mm ² /s		REPORT	REPORT	REPORT		10 - 12	30.00 - 32.00
Viscosity index	ISO 2909			min. 95	min. 95	min. 90	min. 90	min. 90	min. 90
Flash point by Cleveland	ISO 2592	°C	min. 160	min. 180	min. 205	min. 230	min. 220	min. 240	min. 260
Pour point	ISO 3016	°C	max. -15	max. -12	max. -12	max. -9	max. -12	max. -12	max. -9
Total acidity	ISO 6618	mgKOH/g			max. 0.05	max.0.05	max. 0.05	max. 0.05	max. 0.05
MCR (Microcarbon residue)	ISO 10370	%(m/m)			max. 0.05	max. 0.08	max. 0.25	max. 0.25	max. 0.7
Ash content	ISO 6245	%(m/m)			max. 0.005	max. 0.005	max. 0.01	max. 0.01	max. 0.01
Colour (ASTM)	ISO 2049			max. 1	max. 2	max. 2.5	max. 4	max. 3.5	max. 6
Sulphur content	EN ISO 8754	%(m/m)	max. 0.6	max. 0.1	max. 0.6	max. 0.4	max. 0.8	max. 0.4	max. 0.8
Air release at 50°C	ISO 9120 MSZ 2044	minute		max. 5		REPORT			
Air release at 75°C	ISO 9120	minute						max. 6	REPORT
PCA	IP 346	%(m/m)	max. 2.9	max. 2.9	max. 2.9	max. 2.9	max. 2.9	max. 2.9	max. 2.9
Time of deemulsibility at 54 °C	ISO 6614	minute		max. 10		REPORT			
Time of deemulsibility at 82 °C	ISO 6614	minute						max. 15	REPORT
Water content	ISO 9029	%(m/m)	max.0.025	max. 0.025	max. 0.025	max. 0.025	max. 0.025	max. 0.025	max. 0.025
CA (Aromatic content)	ASTM D 2140	%		max. 5.5		max. 6		max. 8	max. 10
VGC	ASTM D 2140	%						0.8 - 0.82	0.8 - 0.82
Volatility loss by NOACK	ASTM D 5800 B	%(m/m)		max. 37		max.7		max. 6	