

Base Oil UCY-BO-150-AR-B Product Datasheet

Item number: 80-032

Specification

Property	Unit	Typical	Min.	Max.	Test Method
API Gravity, 60 °F		22.4			
Specific Gravity, 60 °F	kg/dm ³	0.920	0.909	0.929	ASTM D 4052
Weight	Lbs/gal	7.7			
Viscosity, 40 °C	mm ² /s (cSt)	150	135	165	ASTM D 445
Viscosity, 100 °C	mm ² /s (cSt)	11.0			ASTM D 445
Viscosity, 100 °F	SUS	804			ASTM D 2161
Viscosity, 210 °F	SUS	64.1			ASTM D 2161
Flash Point, PM	°F	432	403		ASTM D 93
Flash Point, COC	°F	450			ASTM D 92
Pour Point	°F	-22		0	ASTM D 97
Color		<1.5		3.0	ASTM D 1500
Sulfur	%	0.09			ASTM D 2622
Total Acid Number	mg KOH/g	<0.01		0.03	ASTM D 974
Aniline Point	°F	194	185	201	ASTM D 611
Viscosity-Gravity-Constant		0.858			ASTM D 2501
Refractive Index at 68°F		1.505			ASTM D 1747
UV absorptivity at 260 nm	L/g · cm	4.8			ASTM D 2008
Evaporation loss, 22hrs at 225°F	Wt%	0.2			ASTM D 972
Hydrocarbon Type Analysis					ASTM D 2140
C _A	%	13			
C _N	%	37			
C _P	%	50			
Clay-Gel					ASTM D 2007
Asfaltenes	Wt %				
Polar Compounds	Wt %				
Aromatics	Wt %				
Saturates	Wt %				
Appearance at 15°C		Clear and bright	Clear and bright		ASTM D 4176
DMSO extractible compounds	Wt %	<2.5		3.0	ASTM IP346