

Gas Oil (D6) Specification

Gas Oil (D6) Specification

TEST	RESULT	UNIT	TEST METHOD
Density and Relative Density of Crude Oils			
Average API Gravity	29.7 (29.7) (Min)	API	ASTM D5002
Pour Point of Petroleum Products			
Pour point	< -33 (-36) (BELOW ZERO)	°C	ASTM D97
Pour point	< -27.4 (-32.8) (BELOW ZERO)	°F	ASTM D97
Pensky-Martens Closed Cup Flash Point			
Corrected Flash Point	117 (137) (MIN)	°F	ASTM D93-IP34
Sulfur Content in Petroleum Products by EDXRF			
Sulfur Content	0.38 (0.358) (MAX)	Wt%	ASTM D4294
Kinematic/Dynamic Viscosity			
Kinematic Viscosity @ 122°F / 50°C	17.83 (18.12) (MAX)	Mm ² /s	ASTM D445
Water Content by Coulometric Karl Fisher Titration			
Water Content	0.20 (0.7) (MAX)	Wt%	ASTM D6304
Ash from Petroleum Products			
Average Ash	0.279 (1.007) (MAX)	Wt%	ASTM D482
Conversion of Kinematic Viscosity To SUS/SFS 1 Saybolt furol viscosity 122°F			
	10.9SFS (MAX)		ASTM D2161
Aluminum and Silicon in Fuel Oils by ICP-AES or AAS			
Aluminum Content	102 (MAX)	Mg/kg	ASTM D5184
Silicon Content	93 (MAX)	Mg/kg	ASTM D5184
Water by Distillation, Vol%			
	0.70 (MAX)	Vol%	ASTM D95
Carbon Residue			
	1.11 (MAX)	Wt%	ASTM D4530.06
Method Test Result Units			
IP 143 Asphaltene Heptane Insolubles			
Asphaltene Content	0.08	Wt%	
IP 501 Determination of AL, Si, V, Ni, Fe, Na, Ca, Zn, P in Fuel Oil-ICPES			
Aluminium	372	mg/kg	
Silicon	187		
Sodium	117		
Vanadium	1		
Calcium	779		
Zinc	298		
Phosphorus	4176		
Iron	545		