

group I
aramcoDURA®

		aramcoDURA BS150		
Sales Code		500009317		
Parameter	Method	Min	Max	Typical
Viscosity, Kinematic				
cSt @ 100°C	D445	30.00	33.00	32.12
cSt @ 40°C	D445	–	–	495.4
Viscosity Index	D2270	95	–	96
Pour Point, °C	D97	–	-6	-9
Flash Point, COC, °C	D92	290	–	300
Color, ASTM	D1500	–	4	L3.5
Appearance	Visual	Clear & Bright	–	Clear & Bright

Effective 10/01/2025

SPECIFICATIONS & TYPICAL PROPERTIES

aramco BASE OILS MANUFACTURED IN THE USA

aramcoPRIMA®

aramcoULTRA®

Sales Code		aramcoPRIMA 60		aramcoPRIMA 100		aramcoPRIMA 220		aramcoPRIMA 600		aramcoULTRA 4		aramcoULTRA 6	
Parameter		Method		Code 7249		Code 7239		Code 7234		Code 7242		Code 7248	
				Spec	Typical	Spec	Typical	Spec	Typical	Spec	Typical	Spec	Typical
API Base Stock Group (API 1509 E.1.3)				Group II		Group II		Group II		Group III		Group III	
Viscosity, Kinematic													
cSt @ 100°C	D445		2.61	3.8 min	4.37	6.1 min	6.49	11.7 min	12.0	4.0 - 4.5	4.41	5.8 - 6.2	5.89
cSt @ 40°C	D445	9.0 - 11.0	10.63	18.0 - 22.0	21.4	40.0 - 46.0	42.3	107 - 120	109	Report	20.5	Report	32.4
SUS @ 100°F	Calculated		64		112		218		569		107		166
Viscosity Index		D2270		95 - 119		95 min		95 min		120 min		120 min	
Sulfur, ppm	D2622	300 max	< 10	300 max	< 20	300 max	< 10	300 max	< 25	Report	< 10	Report	< 10
Aromatics, wt %	Motiva	2.0 max	1.0	2.0 max	< 1	2.0 max	1.5	7.0 max	6.0	Report	< 1.0	Report	< 1.0
Volatility													
NOACK, wt%	D5800 (B)			19.0 max	18.1	13.0 max	10.4		2.4	15.5 max	14.4	8.5 max	7.4
GC, Sim Dist at 700°F, %	D6417			10.0 max	5.1	7.0 max	4.25		0.4				
Dynamic Viscosity CCS													
@ -30°C(1), cP CCS @	D5293									1,600 max	1,534	Report	4,084
-25°C, cP CCS @ -20°C,	D5293			1,550 max	1,211								
cP Brookfield(2) @	D5293					3,900 max	3,087						
-40°C, cP	Motiva				16,010								
Appearance Color,		Visual		Clear & Bright		Clear & Bright		Clear & Bright		Clear & Bright		Clear & Bright	
ASTM Color, Saybolt	D1500			1.0 max	L0.5	1.0 max	L0.5	1.0 max	L0.5	L0.5	L0.5	L0.5	L0.5
Pour Point, °C Flash	D156	Report	+30										
Point, COC, °C API	D5950	-33 max	-35	-12 max	-16	-12 max	-15	-12 max	-21	-15 max	-20	-15 max	-21
Gravity, °API Specific	D92	170 min	172	199 min	217	216 min	226	250 min	263	210 min	220	220 min	237
Gravity, 60/60°F	D4052	Report	32.1	Report	35.5	Report	32.3	Report	30.4	Report	37.6	Report	36.2
	D4052		0.8650		0.8471		0.8640		0.8740		0.8367		0.8438

⁽¹⁾ CCS @ -30°C targeted to max limits: aramcoULTRA 6 4,800 cP

⁽²⁾ Product tested with 0.25wt% PPD. Brookfield targeted to limit of 19,000 cP for aramcoPRIMA 100

Note - for SI units
1 mm²/s = 1 cSt
1 mPa•s = 1 cP

Effective 01/02/2025

SPECIFICATIONS & TYPICAL PROPERTIES

aramcoULTRA PRODUCTS MANUFACTURED IN SOUTH KOREA

aramcoULTRA®

		aramcoULTRA 2		aramcoULTRA 3		aramcoULTRA 4		aramcoULTRA 8	
SOURCE		ULSAN		ULSAN		ULSAN		ULSAN	
Sales Code		500009361		500009362		500009360		500009363	
Parameter	Method	Spec	Typical	Spec	Typical	Spec	Typical	Spec	Typical
Viscosity, Kinematic									
cSt @ 100°C	D445	1.9 - 2.4	2.25	3.0 - 3.5	3.39	4.0 - 4.5	4.27	7.0 - 7.5	7.10
cSt @ 40°C	D445	Report	7.62	Report	14.0	Report	19.7	Report	41.1
Viscosity Index									
	D2270	100 min	103	100 min	115	120 min	124	120 min	134
Volatility									
NOACK, wt%	D5800 (B)	-	-	-	-	15.5 max	14.7	-	-
Dynamic Viscosity									
CCS @ -30°C, cP	D5293	-	-	-	-	1600 max	1500	-	-
Appearance Color,		Clear & Bright		Clear & Bright		Clear & Bright		Clear & Bright	
ASTM Color, Saybolt	D1500					L 0.5	L 0.5	L 0.5	L 0.5
Pour Point, °C Flash	D156	25 min	+30	25 min	+30				
Point, COC, °C API	D5950	-25 max	-36	-20 max	-27	-15 max	-20	-10 max	-14
Gravity, °API Specific	D92	150 min	158	180 min	202	210 min	220	240 min	250
Gravity, 60/60°F	D4052	-	39.0	-	38.5	-	38.0	-	36.5
	D4052	-	0.8300	-	0.8323	-	0.8350	-	0.8425

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