



ARIYAN INTERNATIONAL INC.
Bridging Businesses Together

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STANDARD SPECIFICATION OF WESTERN TEXAS INTERMEDIATE (WTI) CRUDE OIL

Origin – USA

Sulfur	0.42% or less by weight as determined by ASTM Standard D – 4294, or its latest revision
Gravity	Not less than 37 degrees API, not more than 42 degrees API as determined by ASTM Standard D – 287 or its latest revision
Viscosity	Maximum 60 Saybolt Universal Seconds at 100 °F as measured by ASTM D – 445 and as calculated for Saybolt seconds by ASTM standard D – 2161
Reid vapor Pressure	Less than 9.5 pounds per square inch at 100 °F, as determined by ASTM Standard D – 5191 – 96, or its latest revision
Basic Sediment, Water and other impurities	Less than 1% as determined by ASTM D – 96 – 88 or D – 4007 or their latest revisions.
Pour Point	Not to exceed 50 °F as determined by ASTM Standard D – 97
Micro Method carbon Residue	2.40% or less by mass as determined by ASTM Standard D4530 – 15, or its latest revision
Total Acid Number (TAN)	0.28 mg KOH/g or less as determined by the first inflection point using ASTM Standard D664 – 11a (2017) or its latest revision
Nickel	8 parts per million (ppm) or less by mass as determined by ASTM Standard D5708 – 15, Test Method B, or latest revision
Vanadium	15 ppm or less by mass; as determined by ASTM Standard D5708 – 15 Test Method B, or its latest revision
High Temperature Simulated Distillation (HTSD) as determined by ASTM Standard D7169 – 16, or its latest revision as follows	
Light Ends < 220 °F by HTSD	Not more than 19% by mass
50% Point by HTSD	470 °F – 570 °F
Vacuum Residuum >1020 °F by HTSD	Not more than 16% by mass