

# Product Specifications – ARTEEK

ARTEEK ensures that all petroleum and petrochemical products meet international standards and are inspected by certified third-party laboratories (SGS, Bureau Veritas, Intertek). Below is a summary of the typical product specifications we trade in. Exact specs may vary by origin, lot, and contract.

## 1. Crude Oil

Parameter	Specification Range
API Gravity	30° – 38°
Sulfur Content	< 1.8%
Pour Point	< 30°C
Vanadium	< 5 ppm
Nickel	< 3 ppm
Water & Sediment	< 1%
Delivery Form	Bulk via vessel
Standard	ASTM D5002, D4294, D95

## 2. Diesel (EN 590 - ULSD)

Parameter	Specification
Cetane Number	Min 51
Density @ 15°C	820–845 kg/m <sup>3</sup>
Sulfur Content	Max 10 ppm
Flash Point	Min 55°C
Cold Filter Plugging Point (CFPP)	As per regional climate
Delivery Form	Bulk via vessel/truck
Standard	EN 590:2013

### 3. Gasoline (RON 92 / RON 95)

Parameter	Specification
Research Octane Number (RON)	92 / 95
Sulfur Content	Max 50 ppm
Lead Content	Unleaded
Aromatics	Max 35% vol
Oxygenates (ETBE/MTBE)	As per buyer requirement
Delivery Form	Bulk via vessel/truck
Standard	ASTM D4814, EN 228

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### 4. Jet Fuel (Jet A-1)

Parameter	Specification
Flash Point	Min 38°C
Freezing Point	Max -47°C
Sulfur Content	Max 0.3%
Aromatics	Max 25% vol
Smoke Point	Min 25 mm
Delivery Form	Bulk via vessel
Standard	ASTM D1655

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### 5. Liquefied Petroleum Gas (LPG)

Parameter	Specification
Propane Purity	Min 90%
Butane Purity	Min 95%
Total Sulfur	Max 50 ppm
Vapor Pressure	100–200 psi @ 37.8°C
Water Content	Free of water
Delivery Form	Pressurized tanks or vessels
Standard	ASTM D1835

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## 6. Liquefied Natural Gas (LNG)

Parameter	Specification
Methane Content	Min 85%
Gross Heating Value	~950–1,150 Btu/ft <sup>3</sup>
Wobbe Index	1,250–1,400 Btu/scf
Sulfur Content	Max 1 ppm
Delivery Form	Cryogenic tanker
Standard	ISO 16903, GPA 2261

## 7. Bitumen (60/70 & 80/100 Grades)

Parameter	Specification
Penetration @ 25°C	60–70 / 80–100
Softening Point	49–56°C
Flash Point	Min 230°C
Ductility	>100 cm
Delivery Form	Drums / Bulk Tankers
Standard	ASTM D946, AASHTO M20

Note: Detailed certificates of analysis (COAs), safety data sheets (SDS), and MSDS are provided for each shipment upon request. Product specs can be adjusted based on client requirements and destination standards.

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