



# U. S. Oil & Refining Co.

3001 Marshall Avenue, Tacoma, Washington, 98421 (253) 383-1651

## **Product Specification Marine Gas Oil**

<u>Characteristic</u>	<u>Limit</u>	<u>Test Method</u>	<u>Specifications</u>
		ASTM	MGO <sup>a</sup>
Viscosity @40°C, mm <sup>2</sup> /s	max	D7042	5.5
Density @15°C, kg/m <sup>3</sup> reference only	max	D4052	870.3
Gravity, °API,	min	D4052	31.0
Cetane Index	min	D976	40
Sulfur, mass %	max	D7039	0.1
Flash Point, PMCC, °C	min	D93	60.0
Carbon residue, 10% vol., mass %	max	D4530	0.30
Water & Sediment, volume %	max	D2709	0.1
Ash, mass %	max	D482	0.01
Lubricity, μm wsd@ 60°C	max	D6079	520

a. MGO is dyed red.