

# ISO/TR 18588:2023-09 (E)

## Petroleum products - Characterization of marine fuels by viscosity-gravity constant

<b>Contents</b>	<b>Page</b>
Foreword.....	iv
Introduction.....	v
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Characterization of petroleum fuels</b> .....	<b>1</b>
4.1 General.....	1
4.2 BMCI (or CI).....	2
4.2.1 General.....	2
4.2.2 Calculation of BMCI (or CI).....	2
4.2.3 Algorithm to calculate BMCI (or CI).....	4
4.3 Viscosity-gravity constant.....	4
4.3.1 General.....	4
4.3.2 Calculation of VGC.....	4
4.3.3 Algorithm to calculate VGC.....	4
<b>5 Samples data analysis</b> .....	<b>5</b>
5.1 General.....	5
5.2 BMCI versus VGC and density for fuels with S content $\leq 0,50$ % by mass.....	5
5.3 BMCI versus VGC and density for fuels with S content $\geq 0,50$ % by mass.....	6
5.4 Significance and use of VGC.....	8
<b>Annex A (informative) Algorithms to calculate SG, BMCI and VGC</b> .....	<b>10</b>
<b>Bibliography</b> .....	<b>12</b>