

# ISO 28520:2009-02 (E)

## Ships and marine technology - Lubricating oil systems - Guidance for grades of cleanliness and flushing

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>iv</b>
<b>1</b>	<b>Scope</b> .....	<b>1</b>
<b>2</b>	<b>Normative references</b> .....	<b>1</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>1</b>
<b>4</b>	<b>Recommended degrees of pipe cleaning</b> .....	<b>2</b>
<b>4.1</b>	<b>Degrees of pipe cleaning during/after prefabrication</b> .....	<b>2</b>
<b>4.2</b>	<b>Inside surface treatment</b> .....	<b>2</b>
<b>5</b>	<b>Cleaning of system components</b> .....	<b>2</b>
<b>5.1</b>	<b>Pumps, valves, filters, oil coolers, etc</b> .....	<b>3</b>
<b>5.2</b>	<b>Engine crankcase</b> .....	<b>3</b>
<b>5.3</b>	<b>Gearbox</b> .....	<b>3</b>
<b>5.4</b>	<b>Tanks</b> .....	<b>6</b>
<b>5.5</b>	<b>Special comments</b> .....	<b>6</b>
<b>6</b>	<b>Flushing</b> .....	<b>6</b>
<b>6.1</b>	<b>Flushing practice (2-stroke engine)</b> .....	<b>6</b>
<b>6.2</b>	<b>4-stroke engines (practical execution)</b> .....	<b>12</b>
<b>6.3</b>	<b>Flushing execution</b> .....	<b>12</b>
<b>6.4</b>	<b>Flushing practice (turbines and turbo generators)</b> .....	<b>13</b>
<b>7</b>	<b>Approval of flushing</b> .....	<b>13</b>