

## Application Note for Acid Digestion

Sample Type: **Motor Oil** (waste)  
 Sample Category: Oils and Plastics

### Sample Preparation Procedure

Sample Weight: 0.25g  
 Reagents: 10-mL Concentrated HNO<sub>3</sub>

### Microwave Heating Program

Control Style: Ramp-To-Temperature  
 Pressure Mode: Organic

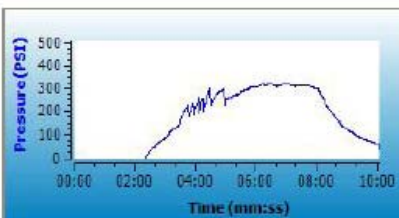
### Recommended Equipment



### Discover and Explorer 'SP-D' Class

This method is appropriate for use with:  
 35-mL glass, quartz and Teflon™ -lined vials

Stage	Temp(C)	Ramp Time	Hold Time	Pressure(Psi)	Power(W)	Stirring
1	210	5:00	03:00	400	300	Med



### Notes:

1. If using a vial other than the recommended choice, adjust sample size and pressure limit to values appropriate for the vessel chosen.

### General Precautions:

- a) This procedure is a reference point for sample digestion using a CEM system and may need to be modified or changed to obtain the required results on your sample.