

Initial Setup Conditions for an EPA Method 1664A Compliant Oil and Grease Method Using a Horizon® SPE-DEX® 1000/3000

With a Methanol Rinse to Waste: 2 Part Method (Part 1 of 2)

For Xenosep® 47mm SPE Catalog Numbers 24547, 25347 and 25447, 25547 prefilters

To create a new method, press the **METHODS** key. Use the **A** (NEXT) and **B** (PREV) to select the Method #. Use the **E** key to edit the Method. Use the **C** (ADJ +) and **D** (ADJ -) keys to adjust the time. Use **A** (STEP +) key to advance to the next line. To save the Method, use the **E** (SAVE) key. Follow the same procedure to optimize/edit method operating conditions in the future. Contact Xenosep for additional technical support.

Method # _____ (Select a method number for part 1 of 2 between 1 and 20)

Enter the information in **bold type** below on the Page 1 LCD Screen:

HEXANE:		METHANOL:	
Dispense:	6 sec.	Dispense:	6 sec.
Saturate:	1 sec.	Saturate:	1 sec.
Soak:	30 sec.	Soak:	30 sec.
Drain:	1 min.	Drain:	1 min.

AIR DRY: **1 min.** (contact Xenosep for options to reduce this time and the risk of low recoveries due to excessive vacuum air drying times)

Enter the information in **bold type** below on the Page 2 LCD Screen:

NOTE: Replace Methanol in bottle with Methanol:Water pH<2, 50:50 % v/v before mixing.

Step / Type:	Rinse:	Soak:	Elute:
1. Methanol	2 sec.	5 sec.	0 sec.
2. Methanol	2 sec.	30 sec.	8 min. ←
3. No Rinse	0 sec.	0 sec.	0 sec.
4. No Rinse	0 sec.	0 sec.	0 sec.
5. No Rinse	0 sec.	0 sec.	0 sec.
6. No Rinse	0 sec.	0 sec.	0 sec.
7. No Rinse	0 sec.	0 sec.	0 sec.
8. No Rinse	0 sec.	0 sec.	0 sec.
9. No Rinse	0 sec.	0 sec.	0 sec.
10. No Rinse	0 sec.	0 sec.	0 sec.

NOTE: Part 1 of 2 is now complete. Replace the flask containing the waste methanol-water with a fresh flask to collect the hexane extracts in part 2 of 2 of this method.

Initial Setup Conditions for an EPA Method 1664A Compliant Oil and Grease Method Using a Horizon® SPE-DEX® 1000/3000

With a Methanol Rinse to Waste: 2 Part Method (Part 2 of 2)

For Xenosep® 47mm SPE Catalog Numbers 24547, 25347 and 25447, 25547 prefilters

To create a new method, press the **METHODS** key. Use the **A** (NEXT) and **B** (PREV) to select the Method #. Use the **E** key to edit the Method. Use the **C** (ADJ +) and **D** (ADJ -) keys to adjust the time. Use **A** (STEP +) key to advance to the next line. To save the Method, use the **E** (SAVE) key. Follow the same procedure to optimize/edit method operating conditions in the future. Contact Xenosep for additional technical support.

Method # _____ (Select a method number for part 2 of 2 between 1 and 20 but different than part 1 of 2)

Enter the information in **bold type** below on the Page 1 LCD Screen:

HEXANE:		METHANOL:	
Dispense:	0 sec.	Dispense:	0 sec.
Saturate:	0 sec.	Saturate:	0 sec.
Soak:	0 sec.	Soak:	0 sec.
Drain:	0 min.	Drain:	0 sec.
AIR DRY:		0 min.	

Enter the information in **bold type** below on the Page 2 LCD Screen:

NOTE: Ensure the flask containing the waste methanol-water was replaced with a fresh flask to collect the hexane extracts below in part 2 of 2 of this method.

Step / Type:	Rinse:	Soak:	Elute:
1. Hexane	2 sec.	5 sec.	0 sec.
2. Hexane	2 sec.	30 sec.	30 sec.
3. Hexane	2 sec.	5 sec.	0 sec.
4. Hexane	2 sec.	30 sec.	30 sec.
5. Hexane	2 sec.	5 sec.	0 sec.
6. Hexane	2 sec.	30 sec.	60 sec.
7. No Rinse	0 sec.	0 sec.	0 sec.
8. No Rinse	0 sec.	0 sec.	0 sec.
9. No Rinse	0 sec.	0 sec.	0 sec.
10. No Rinse	0 sec.	0 sec.	0 sec.