



# Industrial Support ~ Fuels & Lubricants Group

250 Karl Clark Road, Edmonton, Alberta, Canada T6N 1E4

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## Report of Analysis

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**Client:** Earth Care Products

7430-52 St.

Edmonton, AB, T6B 2G3

**Attention:** Jack Yanitski / Rick Wilson

Lab Sample Number	Client's Reference Sample Type; Date Received	Method	Analysis	Result	Notes
GO-2005-2215	SPHAG SORB PEAT MOSS Miscellaneous Sample; 08-Jun-2005	ASTM E659	Autoignition Temperature Hot-flame Autoignition Temperature, AIT (°C) Cool-flame Autoignition Temperature, CFT (°C) Reaction Threshold Temperature, RTT (°C)	No hot flame observed No cool flame observed N/A	1

### Remarks and Notes

- The autoignition temperature is the minimum temperature of a substance required to initiate or cause self-sustained combustion in air with no other source of ignition. Data are apparatus and procedure dependant. A cool-flame is defined as a faint, pale blue luminescence or flame usually occurring below the autoignition temperature (AIT). Cool-flames are the first part of the multistage ignition process. No cool-flame or hot-flame autoignition temperature was observed. The analysis was discontinued at 400°C.

Signature: \_\_\_\_\_

**Business Unit Manager**

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Date: \_\_\_\_\_

\_\_\_\_\_ 08/06/05