

BRAD PENN[®] LUBRICANTS

November 29, 2010

Re: Update from **BRAD PENN[®]** Technical Services Department

Dear **BRAD PENN[®]** Distributor:

Our commitment to notify our **BRAD PENN[®]** Distributors with industry related information led to this mailing.

Caterpillar[®] has recently announced its most current recommendations and specifications for lubricant fluids for use in Caterpillar[®] natural gas engines. It is recognized that Caterpillar[®] does not formally approve lubricants other than their own brand for use in their equipment. However, Caterpillar[®] has worked with additive suppliers/vendors to test product(s) in application and acknowledge satisfactory or unsatisfactory performance. The additive package utilized in our SGE0 formulations has received Caterpillar's recognition as an additive system that will provide their stationary gas engines with suitable protection.

The table below details Caterpillar[®] lubricants/properties listed in their announcement and the **BRAD PENN[®]** equivalents/properties, specifically the Low Ash Stationary Gas Engine Oil (#7258) and the Supreme DDO Low Ash Stationary Gas Engine Oil (#7249).

Cat NGE0 SAE 40 Viscosity Grade Properties*					
Parameters	Cat NGE0	BP #7258	Cat EL250	Cat EL 350	BP #7249
API Gravity	28	27.9	27.5	29.3	29.9
Flash Pt.	252	232	262	247	260
Pour Pt.	-15° C	-18° C	-12° C	-21° C	-33° C
Vis @ 100° C	13.2	13.6	13.5	13.5	13.0
Viscosity Index	98	98	99	97	102
Sulf. Ash w%	0.52	0.45	0.57	0.54	0.58
TBN	5.6	5.2	6.5	6.2	6.0

*Source (Caterpillar[®] SEBU6400-05, November 2010)

The American Refining Group, Inc. Technical Services Dept. encourages you to share this information with your sales force and customers. If you have any additional questions regarding the aforementioned **BRAD PENN[®] Stationary Gas Engine Oils** or any other product in the **BRAD PENN[®]** line please feel free to contact your Regional Sales Managers or the writer.

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