



**EVERY™
ALTERNATIVE.**

Technical Bulletin 05.26.2009:

Subject: Natural Gas Engine Oil – CES 20074 Cummins Specification

Details: Cummins Westport natural gas engines require special engine oil that is available from major oil suppliers. Careful attention must be paid to engine oil specifications because natural gas engine oil has different properties than diesel engine oil. A sulfated ash limit of 0.6 percent has been placed on all engine lubricating oil recommended for use in Cummins Westport engines. Higher ash oils can cause valve and/or piston damage and lead to excessive oil consumption and degradation of the catalyst.

B5.9G, B Gas Plus, B Gas International, B5.9LPG, B LPG Plus, C8.3G, C Gas Plus, L Gas Plus, and ISL G engines **MUST** use oil that conforms to Cummins Engineering Standards (CES) 20074. This standard will be identified on the supplier's oil packaging. If in doubt whether the oil meets Cummins specification, contact the supplier to obtain a copy of the Cummins registration letter that certifies the oil meets specifications. For easy identification the packaging of the oil will show CES20074 upon it. 15-40W oil is recommended.

Do not use diesel engine oil in a natural gas engine. If diesel engine oil is used, valve torching, piston scuffing, and reduction in spark plug life will occur.

Do not use L10G engine oil in the above listed engines. If L10G engine oil is used, failure of the tappets and camshaft will occur.

Correct engine lubrication oil and filter change intervals must be maintained for each Cummins Westport engine model. Quality engine oils combined with appropriate oil and filter change intervals are critical factors in maintaining engine performance and durability.

Cummins Westport manufactures and sells the world's widest range of low-emissions alternative fuel engines for commercial transportation applications and has over 20,000 alternative fuel engines in service around the world.

For further information contact a Cummins Westport representative, or visit www.cumminswestport.com

Jeff Campbell
Director, Product Marketing
Cummins Westport Inc.
604.718.2099