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Subject: Cummins Oil Alert

Technical Service Bulletin

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INFORMATION ONLY

Following is a reprint of a Cummins notification, which provides important information about Cummins engines used in Ingersoll Rand products. For additional information, please contact your local Cummins Distributor/Dealer about Service Bulletin 3810340-06. This reprint is provided for your information.



April 23, 2007

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Mocksville, NC 27028

Caution – Oil Alert

The use of low-ash API CJ-4 Engine Oil in Cummins Off-Highway Engines is not recommended, unless ultra-low sulfur diesel (<15 parts-per-million sulfur) is used. Using these engine oil types with higher sulfur fuels may result in:

- Deterioration or shortening of engine oil life
- Less protection against corrosion and wear

This includes the following engines:

Tier 3 / Stage IIIA Engines	Tier 2 - High-Horsepower Engines
QSB3.3	QSK19
QSB4.5	QSK23
QSB6.7	QST30
QSC	QSK45
QSL	QSK50
QSM	QSK60
QSX	
QSK19	

Cummins Inc. has established a number of Cummins Engineering Standards (CES) which describe the performance levels of engine oils that **must** be used in various engines. In North America, CES 20078 (API CI-4, API CI-4 PLUS) oils are recommended for off-highway engines using diesel fuel with a sulfur content greater than 15-ppm. CES 20072/CES 20076 (API CH-4, Global DHD-1, ACEA E-5) is the minimum oil quality level recommended for engines without EGR in all parts of the world. Please refer to Cummins Service Bulletin 3810340-06 for further information.