



QTLC

QUEENSLAND TRANSPORT
AND LOGISTICS COUNCIL

MEDIA RELEASE

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IceCOLD® delivers proven fuel and carbon emission savings for refrigerated logistics industry

IceCOLD® Synthetic Catalyst Technology (IceCOLD®) proven performance is a successful outcome that has emerged as result of a successful Freight Smart Grant application by Cannon Logistics. The grants were offered as a joint initiative by the Queensland Transport and Logistics Council (QTLC) and Department of Transport and Main Roads to encourage innovative solutions to reduce carbon emissions and traffic congestion.

Cannon's grant submission involved the trialling and measuring of IceCOLD®'s performance. The testing was conducted on fleet trucks under various operating conditions, including "on the road" trial which replicated the "day in the life" of a Cannon refrigerated truck. The results of the trials validated the products capacity to deliver diesel fuel and carbon emission savings of greater than 30% for refrigerated transport. It also generates an average fuel savings of 20% and the potential for return on investment once IceCOLD® is installed, delivered within an average of 7.46 months.

Dr Rebecca Michael, CEO of the QTLC said that: "The QTLC is extremely pleased with the results of the IceCOLD® research, the product has exceeded our expectations. The long term benefits for industry and the environment speak for themselves. IceCOLD® contributes positively to environmental outcomes and also has broader economic benefits for the refrigerated transport industry."

IceCOLD® is added to the refrigeration unit's compressor oil and works by restoring the lost efficiency caused by the normally occurring "oil fouling" of heat exchangers in refrigeration and air conditioning.

"The Freight Smart Grants Scheme has provided Cannon Logistics with the opportunity to showcase the effectiveness of IceCOLD®. The testing has proven the significant fuel savings and carbon emission reduction to be gained by adding IceCOLD® to existing refrigerated vehicle units" advised Jason Henshaw of IceCOLD® Australasia.

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