



PRODUCT DATA SHEET

DRYDENE ALLTEC™ GEO LOW ASH SERIES

NATURAL GAS ENGINE OIL



PRODUCT DESCRIPTION

DRYDENE ALLTEC™ GEO LOW ASH ENGINE OILS are detergent and dispersant enhanced low ash engine oils designed for use in high-output 4-stroke engines powered by liquefied natural gas (LNG), liquefied petroleum gas (LPG) and compressed natural gas (CNG).

PRODUCT APPLICATION

DRYDENE ALLTEC GEO LOW ASH ENGINE OILS are recommended for high-output, turbocharged lean burn and naturally aspirated natural gas engines found in electrical power generation, gas compressors, irrigation pumps, drilling rigs, crude oil and gas pipelines.

They may also be used in certain landfill gas and biogas operations where CFC and sulfur levels are not elevated. It is not recommended for use in sour gas applications.



SPECIFICATIONS

Caterpillar 3300, 3400, 3500, 3600 Series
Cummins L10/M11
Delaval
Deutz/MWM
Dresser Rand (I, II, & II)
GE Jenbacher
MAN
Superior (6GTL)
Wartsila 25SG, 28SG, 34SG, 50SG, 175SG, 220SG, 20DF, 32DF, 34DF, 50DF
Waukesha VHP-GL, 12-AT27-GL, 9390GL
Worthington

FEATURES AND BENEFITS

DRYDENE ALLTEC GEO LOW ASH ENGINE OILS are built on a foundation of premium base stocks enhanced with ashless dispersants, powerful detergents, oxidation inhibitors and anti-wear agents to protect against oxidation, nitration and deposit formation.

- Advanced detergent system provides maximum valve, seat, and guide protection by controlling deposit formation and potential pre-ignition
- Exceptional wear protection for pistons, piston skirts, rings and liners
- Low ash/low phosphorus formula helps minimize port plugging and spark plug fouling
- High resistance to crankcase sludge and varnish formation
- Compatible with NOx-SCR catalyst systems that require low levels of phosphorus in order to prevent catalyst contamination
- Excellent TBN retention neutralizes harmful acid formation which can damage critical metal surfaces
- Maintains oil quality, viscosity and wear rates by inhibiting nitration and oxidation



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 30	SAE 40	SAE 15W-40
Viscosity @ 40°C (cSt)	ASTM D445	100.7	150.0	111.2
Viscosity @ 100°C (cSt)	ASTM D445	11.4	14.7	15.1
Viscosity Index	ASTM D2270	99	97	142
Pour Point, °C/°F	ASTM D97	-18/0	-15/0	-18/0
Flash Point, °C/°F	ASTM D92	221/430	232/450	221/430
Sulfated Ash, wt. %	ASTM D874	0.5	0.5	0.5
TBN, mgKOH/g	ASTM D2896	5.0	5.0	5.0
Phosphorus, ppm	ASTM D5185	270	270	270
Zinc, ppm	ASTM D5185	310	310	310

This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit www.DRYDENE.com Rev (0724-01)



RelaDyne, LLC | 8280 Montgomery Road, Suite 101 | Cincinnati, OH 45236 | 1-888-830-3156 | WWW.RELADYNE.COM

