## NATERIA ALPHA NA SAE 15W-40

NATURAL GAS ENGINES



## Heavy duty ashless CNG/LPG engine oil

APPLICATIONS		
A product for all-weather conditions	<ul> <li>Lubricant with very low ash content developed for CNG (compressed natural gas) or LPG (liquefied petroleum gas) engines.</li> <li>Guarantees excellent lubrication of engines under severe service and where wide ambient temperature fluctions occur</li> </ul>	
PERFORMANCE		
Service Level	Recommended for service applications calling for ashless natural gas engine oil.	
CUSTOMER BENEFITS		
Catalyst protection	<ul> <li>Very low ash content helps avoid clogging of the catalytic converter.</li> <li>High viscosity index</li> </ul>	
High technical performance	<ul> <li>Excellent viscosity stability in service</li> <li>Excellent anti-oxidation and nitro-oxidation properties</li> </ul>	

• Excellent anti-wear and anti-corrosion performance

## CHARACTERISTICS

TYPICAL PROPERTIES—NATERIA ALPHA NA SAE 15W-40			
Specific gravity	0.874	Pour point, °F (°C) (ASTM D 97) <-11 (<-24)	
Viscosity @ 40°C, cSt (ASTM D 445)	105	Metals, ppm	
Viscosity @ 100°C, cSt (ASTM D 445)	14.0	Zinc Nil	
Viscosity index (ASTM D 2270)	135	Calcium Nil	
Flash point °F (°C) (ASTM D 92)	433 (223)	Phosphorus 720	
TBN ( ASTM D 2896)	0.6	Ash, wt% (ASTM D 874) 0.1	
Cold crank, cps @ -20°C (ASTM D 5293)	6000		

## **TOTAL Lubricants USA Southwest**

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