



# Rheolube® 377AL

A soft, lithium soap thickened, medium viscosity synthetic hydrocarbon grease intended for high load, low torque gear applications.



## Air Starter

Application: Air Starter Motor  
Component Lubricated: Planetary Gears

Rheolube 377AL is part of Nye product line of **general purpose gear greases**. It has been very successful in planetary gears used in air starter motors that are found in applications including power plant facility pump drives, reciprocating and gas turbine engines, turbine air starters in the oil and gas industries and air starters in shipping, workboat, and mining industries. The gears run at speeds **up to 12,000 RPM** which causes alternative gear greases to fly off and not re-adhere to the gear itself. Rheolube 377AL was designed to allow the grease to meet this type of challenge by bonding to the surface and adhering to the planetary gear at required speeds. It has a soft consistency and light viscosity corresponding to an ISO viscosity grade of 46. This **extreme pressure grease** is rust inhibited and PTFE fortified.

### Typical Properties

Lubricant Properties	Typical Value	Test Method
Temperature Range	-40 to 125°C	
Base Oil	Polyalphaolefin	
Thickener	Lithium Soap	
Kinematic Viscosity (100°C)	7.8 cSt	ASTM D-445
Penetration (1/10mm), Unworked	313	ASTM D-217
Penetration (1/10mm), Worked 60X	321	ASTM D-217
NLGI Grade	1	ASTM D-217
Pour Point	-50°C	ASTM D-97
Color	Black	
Oil Separation (24hrs, 100°C)	4.6%	ASTM D-6184
Evaporation (24hrs, 100°C)	0.2%	ASTM D-972

Nye also manufactures and commercializes other **oils and greases** for the power generation industry. Additional lubricants are available to meet a wide range of application requirements. For further information, technical specifications, evaluation samples, questions about any Nye product, or to discuss a lubricant custom-designed for your application - call us at +1.508.996.6721 or visit us at [www.nyelubricants.com](http://www.nyelubricants.com).

