

# Dasco Quench LPA 15

Premium Quality Fast Quenching Oil

## DESCRIPTION

Dasco Quench LPA 15 has been developed to meet the most stringent North American and European standards, especially those for assuring clean and bright parts after heat treatment. It is a super-fast quenching oil based on selected highly refined virgin paraffinic base stocks enhanced by a unique additive package. This combination of highly effective oxidation and thermal decomposition inhibitors eliminates sludging and staining, and significantly prolongs useful service life of this outstanding quenching oil.

Dasco Quench LPA 15 is used in all applications, where the highest cooling rates and uniform hardening of steels is required, along with the need for clean and bright finished parts. It assures the finest results in steels having variable hardenability or a wide variation in grain size, or in parts having no uniform section thickness or odd shapes.

## DATA (TYPICAL VALUES)

Specific Gravity	0.868
Viscosity @ 100°F	85 SUS
Flash Point	360°F
Fire Point	385°F
Pour Point	20°F

Date | version  
Code

## FEATURES

- Super fast quenching rates for maximum hardness.
- Clean and bright finished parts.
- Uniform hardness with minimum cracking and distortions.
- Constant, predictable cooling rates.
- Reduced sensitivity to variable agitation effects.
- High thermal and oxidation stability.
- Exceptional resistance to sludge and deposit formation.
- High flash point minimizes the danger of fire and smoke formation.
- Outstanding corrosion inhibition.

Dasco Quench LPA 15's development was based on superior results in the following tests that are backbone of each quench oil specification:

- ◆ Cooling Speed and Rate Curve Evaluation using Cooling Curve Meter (ASTM D 6200 Test Method)
- ◆ Rotary Bomb Oxidation Test (ASTM D 2272 Test Method)
- ◆ Decomposition Products Formation Tendency using Pan-

## HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.



Houghton International Inc.  
Madison and Van Buren Aves.  
P. O. Box 930  
Valley Forge, PA 19482-0930

Phone: 610-666-4000  
Fax: 610-666-0174  
info@houghtonintl.com  
www.houghtonintl.com

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.