

# Dasco Quench LBA 15

## High Quality Fast Quenching Oil

### DESCRIPTION

Dasco Quench LBA 15 is a high speed quenching oil designed to provide the highest hardness of steel with minimum distortion. This dark colored, low viscosity oil is made of specially selected virgin paraffinic base stocks fortified with accelerating additives designed to meet the toughest industrial requirements.

Dasco Quench LBA 15 is used in all applications, where highest cooling rates must be applied, in order to achieve highest possible hardness of the quenched parts.

Dasco Quench LBA 15 provides a very short vapor blanket stage with a greatly increased cooling rate during the vapor transport cooling stage. The high speed of cooling and, therefore, very short duration of both stages, assures maximum transformation of the Austenitic steel to the Martensitic form with minimum transformation to Bainite, Pearlite, and Ferrite.

### 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

- Ideal rates of quenching along with great uniformity of hardness.
- Reduced sensitivity to variable agitation effects.
- Low drag-out losses.
- Particularly useful when complete physicals must be obtained from parts in tightly packed baskets, where oil circulation is impaired.
- Great stability in service with minimum changes in viscosity and other characteristics.
- High flash point minimizes the danger of fire and formation of smoke.
- Resistance to oxidation, thermal degradation, and sludge formation of oil during service.

Dasco Quench LBA 15 meets the requirements of the Mil-H-6875 specification (Heat Treatment of Aircraft Steel). With its high cooling rate, Dasco Quench LBA 15 provides the required tensile strength of up to 200,000 psi of all the specified steels (No. 3140, 4130, 4135, 4140, 4150, 4340, 4640, 8630, 8735, and 8740).

### 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.



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