

## ADVANTAGE ADVANCED BEARING OILS

### OVERVIEW

**ADVANTAGE ADVANCED BEARING OILS** are high quality, high viscosity index backup roll bearing oils recommended for the lubrication of oil-film bearings on backup rolls in metal rolling mills. They are designed to meet the specifications of most bearing manufacturers and specifically to meet the requirements of MORGOIL® Advanced Bearing Lubricants. **ADVANTAGE ADVANCED BEARING OILS** are inhibited to protect bearing and journal surfaces against rust and corrosion and provide the exceptional demulsibility required for a MORGOIL® lubrication system.

### FEATURES & BENEFITS

**ADVANTAGE ADVANCED BEARING OILS** are effective over a wide temperature range and have excellent oxidation stability. They provide improved protection against corrosion, longer lubricant life, good resistance to foam, and unparalleled demulsibility. **ADVANTAGE ADVANCED BEARING OILS** have been formulated with an additive system to surpasses the challenges of the UEC Dynamic Demulsibility Endurance Test that is key to quick water separation in a low residence reservoir lubrication system.

### APPLICATIONS

**ADVANTAGE ADVANCED BEARING OILS** have exceeded the specifications required to meet the qualifications of a MORGOIL® Advanced Bearing Lubricants while extending lubricant life, providing superior oil-film thickness and wear protection, and preventing water contamination in small sump lubricating systems.

### SPECIFICATIONS

#### US STEEL 135 • MORGAN CONSTRUCTION CO. MORGOIL® ADVANCED BEARING LUBRICANT • ARMCO CIRCULATING OIL

### TYPICAL PROPERTIES

Product Code	718	719	720	721	7241	821
SAE Viscosity Grade	100	150	220	320	460	680
Viscosity, cSt @ 40 °C	100	150	220	320	460	680
Viscosity, cSt @ 100 °C	11.0	15.2	18.7	24.0	30.3	39.3
Demulsibility	37	37	37	37	38	50
Viscosity Index	97	97	99	99	99	95
Flash Point, COC, °F, min	233	238	243	249	257	260
Foaming Sequences, I, II, III	Pass	Pass	Pass	Pass	Pass	Pass
Pour Point, °F, max.	0	5	5	10	15	32
Copper strip corrosion	1a	1a	1a	1a	1a	1a
Demulsibility	25	25	25	25	25	50