

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
MORGOIL® is a registered trademark of the Morgan Construction Company

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 |