

ADVANCED

OILPRO™ ADVANCED™ INDUSTRIAL BEARING & CIRCULATING OIL 320

OILPRO™ ADVANCED™ Industrial Bearing & Circulating oils are premium quality rust & oxidation inhibited lubricating oils providing excellent lubrication in MORGGOIL® bearing & steel mill circulating systems. They are designed to have appropriate viscosity/temperature characteristics, low foaming tendencies and excellent water separation properties. In addition, they protect equipment against corrosion and oil oxidation resulting in long service life. Meets the requirements of the Morgan and Danieli for super demulsibility applications.

ADVANTAGES & BENEFITS

- The excellent thermal and oxidative stability helps reduce the formation of sludge and other harmful oxidation products. The result is extended oil life, less maintenance and less downtime.
- Enhanced water separation characteristics help ensure that critical oil films are retained between highly loaded parts in heavily contaminated environments.
- OILPRO ADVANCED Bearing & Circulating oils have outstanding demulsibility and allow water to be shed rapidly from the oil. The water then may be removed by drainage or centrifuge from the lubrication system, thus protecting the installation against corrosion, premature wear & failure.

PRODUCT CLASSIFICATION & SPECIFICATIONS

MEETS THE REQUIREMENTS OF:

Morgan Morgoil® Lubricant Specification New Oil (Rev.1.1)

**Morgan Morgoil® Advanced Lubricant (Super Demulsibility)
Specification Revision 2.4, 20th February 2007**

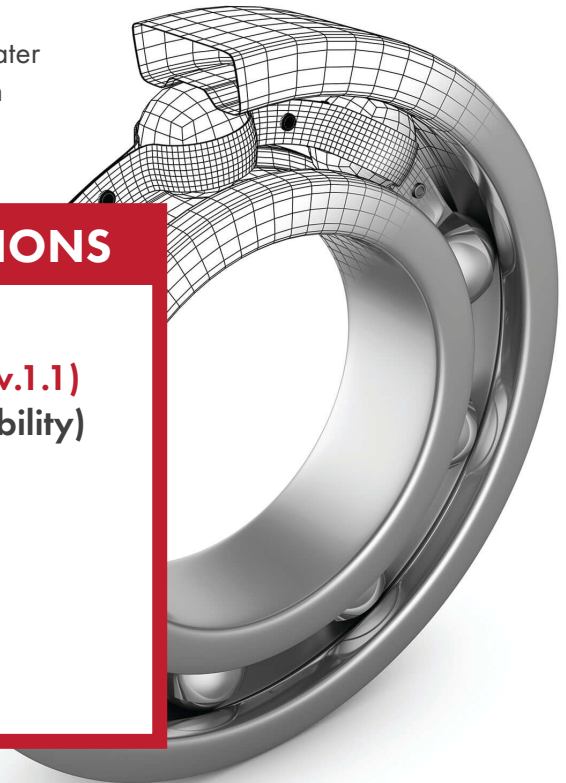
Danieli Standard Oil 6.124249.F

Super Demulsifiable Oil Specification 6.124249.F

DIN 51517-1 - type C

DIN 51517-1 - type CL

AGMA 9005 for inhibited (R&O) oils





TYPICAL PROPERTIES

Properties		Method	OILPRO ADVANCED
Viscosity Grade		ISO 3448	320
Gravity °API		ASTM D 1298	26.1
Kinematic Viscosity	@40°C cSt	ASTM D 445	320
Kinematic Viscosity	@100°C cSt	ASTM D 445	23.1
Kinematic Viscosity	@100°F SUS	Calculated	1483
Kinematic Viscosity	@210°F SUS	Calculated	112
Viscosity Index		ASTM D 2270	95
Colour		ASTM D 1500	4
Pour Point	°C	ASTM D 5950	-6
Flash Point (COC)	°C	ASTM D 92	255
Acid Number	mg KOH/g	ASTM D 974	0.05
Cu Corrosion, 3 hrs	@100°C	ASTM D 130	1b
Rust, Synthetic Sea Water		ASTM D 665B	Pass
Water Demulsibility	@82°C mins	ASTM D 1401	20
Water Demulsibility (ml of free water before centrifuging)	@52°C	ASTM D 2711	32
Foam Test, Seq II	ml foam at 0/10 mins	ASTM D 892	30/0
Oxidation Control Test : TOST	hrs	ASTM D 943	1200+
Oxidation Control Test : RPVOT	mins	ASTM D 2272	400+
ANSI/AGMA Lubricant NO. 9005-D94			6

HEALTH, SAFETY & ENVIRONMENT

HEALTH & SAFETY

Oilpro Ultramax Full Synthetic is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Avoid contact with skin and use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <http://www.taylorlubricants.com>

ENVIRONMENT

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

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