Mobil DTE™ Oil 205

Mobil Industrial , United States

Compressor Oil

Product Description

Mobil DTE Oil 205 is a lubricating oil formulated to provide excellent anti-wear and friction-reducing properties for compressor cylinder lubrication as well as protection against rust and corrosion. Mobil DTE Oil 205 is designed for wet-gas compression and exhibits excellent resistance to washing by water and other entrained liquids. It resists oxidation and provides effective lubrication at low feed rates, thereby extending operating periods between valve-cleaning intervals.

Features and Benefits

Mobil DTE Oil 205 offers the following benefits:

Features	Advantages and Potential Benefits
Excellent resistance to washing by water and other entrained liquids	Extended cylinder, ring, and packing life
Effective lubrication at low feed rates	Reduced oil purchases, extended valve rebuild intervals
Good anti-wear and friction reducing	Extended ring and packing life properties
Rust and corrosion protection	Extended compressor cylinder life
Resists oxidation	Reduced discharge valve deposits, extended valve rebuild intervals

Applications

Mobil DTE Oil 205 lubricant is recommended for the cylinder lubrication of reciprocating compressors and special rotary sliding vane compressors in air and inert gas service. It is particularly applicable where wet gas is being compressed. While developed primarily for multistage compressors, its superior qualities will provide benefits in many single- and two-stage compressors operating at higher pressures or discharge temperatures or when compressing wet gas.

Mobil DTE Oil 205 is not designed for use in compressor crankcases, particularly those compressors having high lead bearings, or crankshafts fitted with lead counterweights.

It should not be used when compressing air for breathing.

Properties and Specifications

Property	
Grade	ISO 220
Flash Point, Cleveland Open Cup, °C, ASTM D92	282
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	19.5
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	220

Property	
Pour Point, °C, ASTM D97	-9
Density @ 15.6 C, kg/l, ASTM D4052	0.9

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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04-2023

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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