Hydraulic Oil 46 & 68

Antiwear Hydraulic Oils

Product Description

Hydraulic Oil 46 and 68 have been formulated to provide economical operation of hydraulic systems in machinery where high oil top-up rates or other factors do not warrant the use of a premium grade hydraulic oil. They offer good antiwear protection, oxidation stability and water tolerance in a wide range of hydraulic applications.

Applications

Hydraulic Oil 46 and 68 are suitable for use in most mobile and industrial hydraulic systems where rotary vane, gear, radial piston and axial piston type pumps are employed. The zinc based antiwear additive package is ideally suited to rotary vane applications where it will provide essential wear protection in the critical vane tip area.

Hydraulic Oil 46 and 68 meet the performance requirements of the following major hydraulic pump and component manufacturers' specifications (ISO VG 46 and VG 68): Vickers M-2950-S, Denison HF-0, Cincinnati Machine P-69 (VG 68) and P-70 (VG 46). For severe applications requiring the protection of a premium grade hydraulic fluid, a Mobil DTE 20 Series oil should be used.

Benefits/Advantages

Good antiwear performance.
Good rust and corrosion protection.
Good resistance to oxidation.
Good water tolerance and foam resistance.

Typical Properties Hydraulic Oil 46 68

Material Number 97F753 974318
Product Number 609099 629105
ISO Viscosity Grade 46 68
Density @ 15 °C kg/l 0.87 0.88
Pour Point °C -6 -6
Flash Point °C 180 182
Viscosity cSt @ 40°C 46 68
cSt @ 100°C 6.7 8
Viscosity Index 95 95
Rust Test Pass Pass
Vickers 35VQ25 Pass Pass

Health and Safety

Based on available toxicology information this lubricant has little potential adverse health effect when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including avoiding prolonged repeated skin contact. For further technical information and Mobil Material Safety Data Sheets in Australia visit www.mobil.com.au or call Mobil Lube Line 1800 033 863.

In New Zealand visit www.mobil.co.nz or call Mobil Lube Line 0800 732 275.

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The physical properties listed in the table are typical and may vary slightly. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications. Due to continual product research and development, the information contained herein is subject to changes without notification.

Mobil Oil New Zealand Ltd
Mobil on The Park, 157 Lambton Quay,
Wellington New Zealand.