

Revolution Oil

A New Generation of Lubricants

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Technical Data Sheet

HI VI Hydraulic Oil ISO 68



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Hydraulic Oils

Description

Revolution HI VI ISO 68 Hydraulic Oil is designed for use in off highway equipment and other hydraulic systems exposed to wide temperature fluctuations.

Formulation

- Mineral Oils
- Viscosity Index Improver
- Anti-wear Additive
- Rust inhibitor and Corrosion Inhibitor
- Anti-Oxidant
- Anti-foam Agent

Performance Level

- DIN 51524, PART 3, CATEGORY HVLP, DIN 51502, CATEGORY HVLP
- ISO 11158, CATEGORY HV, ISO 6743-4, CATEGORY HR AND HV
- AFNOR 48-603, CATEGORY HV, AFNOR NFE 48-960 (DRY), 691 (WET)
- SS 155434, CATEGORY MV
- VICKERS M-2950-S (MOBILE), VICKERS I-286-S
- CINCINNATI MILACRON ,P-69 (ISO VG 68)
- US STEEL 126,127
- POCLAIN EXCAVATORS ISO 46

Benefits

- Optimum anti-wear performance, based on zinc dialkylthiophosphate additive
- Wide application temperature range through low pour point and outstanding low and high temperature viscosity characteristics
- Trouble-free operation due to unique combination of outstanding demulsibility, foam, air release, hydrolytic stability and filterability
- long term stable fluid viscosity through excellent shear stability characteristics of the selected

viscosity index improver

Typical Inspection Data

	Units	68
ISO Viscosity Grade		68
Kinematic Viscosity 40°C	mm ² /s	68
Kinematic Viscosity 100°C	mm ² /s	10.85
Density 15 °C	Kg/m ³	878
Pour Point	°C	-33
Flash Point	°C	236
Viscosity Index		147
Rust Test, proc. A and B, 24 h		pass
Emulsion, Distilled Water, 54.4 °C		40-40-0(10)
Air Release 50 °C	min	6
Foam, 5 min blowing, seq 1/2/3	ml	10/0/10
10 min settling, seq 1/2/3	ml	0/0/0

In line with our policy of continued improvement, Revolution Oil Ltd reserves the right to change specification and availability without prior notice. E and O E.