

Revolution Oil

A New Generation of Lubricants

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Technical Data Sheet

HI VI Hydraulic Oils



HI VI Hydraulic Oils

Hydraulic Oils

Description

Revolution HI VI hydraulic oils are designed for use in off highway equipment and other hydraulic systems exposed to a wide range of temperature fluctuations.

The economical operation of a hydraulic system is dependent on the correct hydraulic oil being used. The Revolution HI VI range of hydraulic fluids is manufactured from highly refined base oils which have good oxidation resistance, lowering the possibility of gums and lacquers. They are blended using carefully selected additives and special viscosity index improvers which offer superior viscosity/temperature characteristics. They can be used where extremes of ambient temperatures are encountered.

Application

Revolution HI VI Hydraulic oils are suitable for use in a wide range of industrial, agricultural and constructions applications.

Performance Level

- DIN 51524 PART 3, CATEGORY HVLP 51517 PART 3
- ISO 6743-4, CATEGORY HV
- SPERRY VICKERS M-2950-S I-286-S

Benefits

- Incorporates the latest corrosion inhibitors
- 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

		15	22	32	46	68	100
ISO Viscosity Grade		15	22	32	46	68	100
Kinematic Viscosity 40°C (cSt)	mm ² /s	15.0	22.0	32.0	46.0	68.0	100.0
Kinematic Viscosity 100°C (cSt)	mm ² /s	3.90	5.00	6.50	8.40	10.90	15.10

Specific Gravity 15.6 °C	Kg/m ³	0.848	0.850	0.870	0.882	0.884	0.888
Pour Point	°C	-38	-36	-34	-33	-33	-32
Flash Point	°C	150	185	205	212	218	225
Viscosity Index		154	155	155	156	157	158

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.