

Revolution Oil

A New Generation of Lubricants

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Technical Data Sheet

Hydraulic Oils



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Description

Revolution hydraulic oils are full anti-wear hydraulic fluids designed and developed to be used in industrial power transmission and control systems. They are fortified with carefully selected additives to further improve performance characteristics including anti-corrosion, anti-wear, anti-oxidants and anti-foam.

Benefits

- Excellent anti foaming and air release properties
- Good demulsification characteristics
- High oxidation resistance and thermal stability
- Outstanding anti wear properties
- Suitable for the majority of hose materials

Application

For most hydraulic power transmission systems where reciprocating or rotary fluid pumps are used, including reciprocating and axial piston units, rotary gear and vane pumps. The main application for hydraulic fluids will be found in static industrial hydraulic systems and mobile earth moving plant.

Performance Level

- DIN 51524 part 2, category HLP
- ISO 6743/4, category HM
- Denison HF-2, TP-02100 Filterability Test
- Sperry Vickers M-2950-s, 1-286-s
- Anfor NF E 48-600
- Thyssen TH N-256132
- US Steel 127
- SEB 181.222
- VDMA 24318

Typical Inspection Data

		10	15	22	32	46	68	100
ISO Viscosity Grade		10	15	22	32	46	68	100
Kinematic Viscosity 40°C		10	15	22	32	46	68	100
Kinematic Viscosity 100°C		2.62	3.38	4.29	5.36	6.75	8.75	11.4
Viscosity Index		91	95	100	100	100	100	100
Flash Point	°C	162	183	195	215	220	224	228
Specific Gravity 15.6°C		0.850	0.860	0.865	0.873	0.878	0.880	0.009

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.