

PRODUCT DESCRIPTION

Oculus Hydraulic Oil series is blended with highly refined base oils and a zinc-free multi-functional additive package of anti-rusting and anti-oxidant properties to meet the most stringent requirements of hydraulic systems. The oils contain a metal passivator, demulsifier and antifoam agent for improved product performance and longer fluid life.

APPLICATIONS

- Recommended for wide range of industrial applications, for both mobile and stationary hydraulic systems.
- Equally suitable for mobile equipment operations.
- Oils are designed to support hydraulic systems where anti-wear property is not required but rust and oxidation resistance is required.

PERFORMANCE STANDARDS

Superior additive technology used in the formulation of Oculus Hydraulic Oil endorses the following performance standards:

- Parker Denison HF-1
- MAG IAS P-38, P-54, P-55, P-57
- DIN 51524 Part 1
- MIL-PRF-17672E
- AFNOR 48-600 HL

BENEFITS

- Excellent thermal and oxidation stability ensures longer service life.
- Protects metal surfaces from rust and corrosion.
- Excellent demulsibility provides efficient water separation.
- Reduces foaming to ensure smooth, safe and efficient operations.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS					
		22	32	46	68	100	150
Density @ 15 °C, Kg/liter	ASTM D 4052	0.88	0.879	0.886	0.89	0.893	0.897
K. Viscosity @40 °C, cSt	ASTM D-445	22	32	46	68	100	150
K. Viscosity @100 °C, cSt	ASTM D 445	4.2	5.3	6.8	8.6	11	14.5
Viscosity Index	ASTM D-2270	100	100	99	98	98	97
Flash Point (COC), °C	ASTM D-92	196	202	210	226	238	244
Pour Point, °C	ASTM D-97	-24	-18	-15	-18	-15	-12
TAN, mg of KOH/g, max	ASTM D-664	0.2	0.2	0.2	0.2	0.2	0.2

* These typical characteristics mentioned are based on current mean values.



HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from Oculus Lubricant representative.



ENVIRONMENT PROTECTION

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.



ADVICE

Advice on application not covered in this leaflet, may be obtained from Oculus Lubricant representative.