

Hydratek 32, 46, 68 Hydraulic Oils



Product Description

Premium performance fluids formulated from highly refined base stocks. Designed for all applications requiring an ISO 32, 46, or 68 hydraulic oil.

Product Applications

Suitable for all recommended applications requiring a high quality non viscosity modified hydraulic oil. Applications include:

- Industrial hydraulic systems
- Machine tools
- Industrial circulating systems
- Hydraulics of mobile & stationary construction equipment
- Hydraulic systems with vane, gear or piston pumps
- Enclosed gear systems specifying a hydraulic oil
- Plastic injection moulding machines

Features & Benefits

- Formulated from highly refined base stocks
- Anti-oxidant & anti-rust additives incorporated
- Sophisticated anti-wear additive package
- Excellent hydrolytic stability & water separation characteristics
- Excellent anti-foam & air release properties
- Provides superior lubrication, oxidation stability properties
- Provides oxidation stability for longer oil life & prevents rust formation
- Provides protecting surface on high load applications
- Provides excellent filterability in presence of water contamination
- Minimizes oxidation degradation & cavitation problems from air entrapment

Physical Properties

Test	Units	Test Method	32	46	68
Density	gm/ml	ASTM D4052	0.853 typ.	0.855typ.	0.867typ.
Colour		ASTM D1500	L 1.0 typ.	L1.0	L1.0
Viscosity @ 40°C	Cst	ASTM D445	31 – 33	45 – 48	66 - 70
Viscosity @ 100°C	Cst	ASTM D445	5.3 typ.	7.2	8.6
Viscosity Index		ASTM D2270	100 min.	100min.	100min.
Flash Point COC	°C	ASTM D92	220 min.	220min.	220min.
Zinc Content	% wt	ASTM 4951	0.025 typ.	0.025typ.	0.025typ.
Pour Point	°C	ASTM D97	-21 max.	-18max.	-30max.

Performance Levels

DIN 51524 Part 2 Denison HF-2
AFNOR NF E 48603 HM Cincinnati Milacon P-68, P-69, P-70 Vickers I-286-S, M-2950-S

Health & Safety

Syntol Hydratek hydraulic oils are petroleum based products. It is recommended as with all industrial oils & cleaners that repeated or prolonged contact with Hydratek hydraulic oils is kept to a minimum. At no time should Syntol Hydratek hydraulic oils be disposed down sewers, storm water, or any other waterway. If spillage occurs contact your local council authority or refer to the Syntol Hydratek 32, 46, 68 MSDS. For further H&S advice contact Syntol NZ Ltd. Phone 09 6346004.

Disclaimer

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