



PANTHER HYDRAULIC AW

PRODUCT DESCRIPTION

Top quality virgin base oils are used to formulate **Panther** quality hydraulic products. Additives from international suppliers are used to inhibit oxidation and prevent rust, foaming and wear. Oxidation inhibitors used in **Panther Hydraulic AW Oils** prevent formation of varnish and gum deposits in hydraulic systems that can affect valves and cause operational problems. Anti-wear additive protects equipment, while corrosion inhibitor prevents rust and de-foamant the problem of foaming none adversely affect synthetic rubber seals and 'O' rings.

APPLICATION

Panther Hydraulic AW Oils are ideal for use in hydraulic systems which incorporate piston type, gear type and/or high pressure vane pumps, and can also be used as general lubricating oils. High viscosity indices make **Panther Hydraulic AW Oils** suitable for use over a wide temperature range. These oils meet ISO specifications. Specific equipment manufacturer's recommendations for given temperature ranges should be followed.

PERFORMANCE STANDARDS

Meets the following standards

- Denison Hydraulic HF
- Vickers M-2952
- Mannesmann Rexroth requirements
- DIN 51524
- US Steel 126 & 127

BENEFITS

- Protect against rust, corrosion and wear
- Prevents varnish & sludge & foaming
- Resists oxidation
- Reduced downtime
- Trouble-free operations

TYPICAL PROPERTIES

TEST	TYPICAL				RESULTS	
ISO Viscosity Grade	32	46	68	100	150	220
Air Release@ 50 °C, mins	4	7.5	9	12	15	18
Flash Point °C	235	224	227	210	250	260
Pour Point °C	-33	-33	-30	-21	-15	-12
Viscosity:						
@ 40 °C, cSt	32	46	68	100	143	210
@ 100 °C, cSt	5.4	6.7	8.8	11.4	14.3	18.4
Viscosity Index	104	99	101	100	97	97
Product Code	PAN 301001	PAN 301002	PAN 301003	PAN 301004	PAN 301005	PAN 301006

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Health & Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Note: Due to continual product research and development, the information contained herein is subject to change without notification.
Typical Properties may vary slightly