

## VALTEC POWERLIFT

### High VI Multigrade Hydraulic Oil

#### Description

VALTEC POWERLIFT hydraulic oil, is specially formulated to give MULTIGRADE characteristics coupled with the latest anti-wear technology. The product is able to replace ISO 32, 46 and 68 viscosity hydraulic oils in all mobile plant providing product rationalisation to one grade of hydraulic oil for all farm and construction equipment applications. The shear stable VI polymer chemistry used, ensures that the oil keeps these properties throughout the period of its working life. This fluid is ideal for hydraulic systems subject to the very extremes of operating conditions and temperatures, such as agricultural and off highway equipment. At low temperatures it gives complete pump protection and smooth operation, even when starting and running equipment at temperatures below that experienced in frozen food stores (-20°C). These special low temperature properties are not available from conventional oils.

In equipment such as Poclain excavators and hydraulically operated machine tools, where it is imperative that the oil retains its viscosity through a wide temperature range, VALTEC POWERLIFT is the first choice. It is rust, corrosion and oxidation inhibited and will provide protection even in the presence of water. Excellent anti wear and EP properties provide protection against wear in the most demanding of systems. It also contains an effective antifoam agent to facilitate the rapid release of air and the prevention of sponginess in system operation. VALTEC POWERLIFT meets the stringent filterability requirements of the latest hydraulic systems.

#### Features

- Outstanding low temperature performance.
- Multigrade properties, lubrication film maintained at high temperatures.
- Long stable oil life.
- Excellent filterability.
- Compatible with all bronze and steel system parts.
- Meets manufacturers requirements for most hydraulic systems.
- Latest anti wear and EP technology.
- Good thermal stability.
- Miscible and fully compatible with all mineral hydraulic oils
- Strong rust prevention, even in the presence of sea water
- Dyed blue for ease of identification and to avoid mis-match
- Replaces ISO 32, 46 and 68 single grade hydraulic oils in all plant applications providing grade rationalisation.

#### Applications

Recommended for both off-highway and industrial hydraulic systems where the special multigrade properties are needed to overcome startup and running problems associated with the extremes of temperature. Particularly recommended for equipment used in frozen food stores, ice making plants and agricultural machinery exposed to harsh climatic conditions or extreme operating temperatures e.g. mowers, hedge trimmer/cutters and independent tractor hydraulics.

## Performance Levels

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Valtec Powerlift meets or exceeds the following specifications and performance levels:

DIN 51524 Parts I & II, (DIN 51525),  
Sperry Vickers I-286-5 and M-2950-S,  
Denison HF-O, HF-1 & HF-2,  
Poclair Hi VI,  
AFNOR-E48600,  
Valtra G2-C.

## Physical Characteristics

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Density @ 15°C	0.881
Flash Point (closed) °C	195
Pour Point °C	-40
Viscosity cSt at 100 °	8.6
Viscosity cSt at 40 °C	47
Viscosity Index	>130
Vickers Pump Wear, wt loss mgs.	<50
FZG Gear Test, pass load	12
Rust Test (D-665)	Pass
Foaming Test	Pass

## Part numbers:

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VACC3021	205 litres
VACC3022	25 litres