

## PRODUCT DATA SHEET

# **HYPLEX BIOGEN 68**

**(BIODEGRADABLE HYDRAULIC OIL)**

## DESCRIPTION

HYPLEX BIOGEN 68 is a Vegetable plant based hydraulic oil blended with a thermally stable ashless additive package, which inhibits oxidation, protects bearings from corrosion and prevents wear. Hyplex BIOGEN provides excellent performance in extremes of temperature and working conditions.

Hyplex Biogen is Readily Biodegradable, being 70-90% biodegradable over a 30 day period. The naturally high viscosity index of this product provides a wide viscosity range, making it a universal replacement in a variety of equipment.

<b>Grade</b>	<b>ISO 68</b>
Viscosity (Typical cSt @ 40°C)	64.1
Viscosity (Typical cSt @ 100°C)	10.5
Specific Gravity @ 15.6°C	0.88
Viscosity Index	160
Pour Point °C	-30
Flash Point °C (COC)	251
Fire Point °C (COC)	274
<b>Hydrolytic Stability ASTM D-2619</b>	
Copper Wt. Loss (mg)	0.0208
Copper Appearance	1B
Water Layer	3.0
<b>Demulsibility, ml Oil/Water/Emulsion</b>	
ASTM D-1401 (< 10 minutes)	40/40/0
Copper Strip Corrosion (3hr@100°C)	1A
FZG Test Din 51354/2	12
Biodegradability OECD 301B	>70%

## APPLICATION

Use in the majority of hydraulic systems in earthmoving equipment, machine tools, forklifts, presses, rams and extruders. Hyplex Biogen is of a particular advantage when used in environmentally sensitive areas, such as in construction and earthmoving around waterways.

Due to its natural base and its wide viscosity range this oil is ideal for use in a variety of machines. This product is compatible with mineral based hydraulic oils allowing for system change without requiring a full flush.



Lidomont Pty Ltd Trading as **Prolube Lubricants**  
15 Pinnacle Street Brendale QLD 4500 | Ph: 07 3881 1733  
[sales@prolube.com.au](mailto:sales@prolube.com.au) | [www.prolube.com.au](http://www.prolube.com.au)  
ABN: 64 010 867 428

## **STANDARDS**

Meets or exceeds the following:

Denison HF-0 when used in T6H20C pump test

## **CONTAINER SIZES**

Bulk, 1000 Litres IBC, 205 Litres, 20 Litres

Issue Date 17/8/20



**Australian Made & Owned Oil Company**



*Proven Protection. Powerful Performance.*