



Synthetic polyolester oils for refrigerating compressors using HFC refrigerants.

APPLICATIONS

Refrigerating compressors using HFC refrigerants.

FEATURES AND BENEFITS

Compatible with all kinds of HFC refrigerants such as R134a, R404A, R407C, R410A, R507, R23 etc.

SPECIFICATIONS AND APPROVALS

✓	ISO 6521-3	✓	ISO 6743-3 DRD
✓	YORK		

TECHNICAL DATA : PLANETELF ACD 150 FY

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
Density at 15°C	ISO 3675	kg/m ³	989
Kinematic viscosity at 40°C	ISO 3101	mm ² /s	150
Kinematic viscosity at 100°C	ISO 3101	mm ² /s	15.5
Acid number	ASTM D974	mgKOH/g	< 0.15
Water content	KARL FISHER	ppm	< 100
Flash Point (OC)	ISO 2592	°C	> 260
Pour Point	ISO 3016	°C	- 33

*The specifications above are for illustrative purposes and communicated for information only.

CUSTOMER BENEFITS

✓	ASHRAE thermal stability tests confirm the excellent behavior of the lubricant at high temperature in presence of refrigerant, water and metallic components.
✓	Neutral behaviour with the refrigerating equipments.
✓	Anti-rust, anti-corrosion properties with copper metals, compatibility with varnishes, elastomers and paints, high resistance to hydrolysis.
✓	The good miscibility of the fluid viscosities of PLANETELF ACD allows a good oil return property, specially in dry-ex equipments.

GENERAL RECOMMENDATIONS

COMPATIBILITY

Compatibility should be checked.

Please consult your Lubmarine Lubrication Engineer should you have any questions.

STORAGE

This product should be stored under cover in clean, dry conditions and protected from frost.

Recommended storage temperature range is 5°C to 50°C.

Drums that are stored on deck should be raised on pallets and covered to protect from the elements.

Always check regularly for leakage.

COMPLIMENTARY PRODUCTS AND SERVICES

✓	DiagomarPlus – Laboratory based used oil analysis program.
✓	Tech'Care – Suite of onboard testing kits.
✓	Technical Expertise & Support – Lubmarine engineers are on hand at worldwide locations to assist with lubrication concerns.
✓	Lube-On-Ship – Visualize your lube oils needs aboard Total Lubmarine's innovative virtual vessel.

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in can be obtained via your Total Lubmarine technical advisor or from sdstotalms.total.com

